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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:36:33 ; Search time 0.276316 Seconds
(without alignments)
638.898 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 GVAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- 1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgm2_6/ptodata/1/iaa/PTUS_COMB.pep.*
6: /cgm2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	6	1	US-08-127-351-45
2	31	100.0	6	1	US-08-480-367B-45
3	31	100.0	6	1	US-08-487-221A-45
4	31	100.0	6	1	US-08-480-370-45
5	31	100.0	6	1	US-08-299-636-24
6	31	100.0	6	1	US-08-279-155-25
7	31	100.0	6	1	US-08-464-456-24
8	31	100.0	6	1	US-08-468-543-16
9	31	100.0	6	1	US-08-477-509B-15
10	31	100.0	6	1	US-08-703-988A-25
11	31	100.0	6	1	US-08-463-052-24
12	31	100.0	6	2	US-08-480-551-24
13	31	100.0	6	2	US-08-747-137-171
14	31	100.0	6	2	US-08-469-692-16
15	31	100.0	6	2	US-08-398-046-16
16	31	100.0	6	2	US-08-612-842-25
17	31	100.0	6	3	US-08-482-085B-15
18	31	100.0	6	4	US-09-444-791A-15
19	31	100.0	7	1	US-08-468-543-11
20	31	100.0	7	2	US-08-469-692-11
21	31	100.0	7	2	US-08-398-046-11
22	31	100.0	18	1	US-08-127-351-34
23	31	100.0	18	1	US-08-480-367B-34
24	31	100.0	18	1	US-08-487-221A-34
25	31	100.0	18	1	US-08-480-370-34
26	31	100.0	18	1	US-08-299-636-13
27	31	100.0	18	1	US-08-279-155-14

28	31	100.0	18	1	US-08-464-456-13	Sequence 13, Appl
29	31	100.0	18	1	US-08-486-135-1	Sequence 1, Appl
30	31	100.0	18	1	US-08-703-988A-14	Sequence 14, Appl
31	31	100.0	18	1	US-08-470-152-1	Sequence 1, Appl
32	31	100.0	18	1	US-08-463-052-13	Sequence 13, Appl
33	31	100.0	18	2	US-08-480-551-13	Sequence 13, Appl
34	31	100.0	18	2	US-08-612-842-14	Sequence 14, Appl
35	31	100.0	18	2	US-08-290-853-28	Sequence 28, Appl
36	31	100.0	19	1	US-08-468-543-14	Sequence 14, Appl
37	31	100.0	19	2	US-08-469-692-14	Sequence 14, Appl
38	31	100.0	20	1	US-08-398-046-14	Sequence 14, Appl
39	31	100.0	20	1	US-08-486-135-19	Sequence 19, Appl
40	31	100.0	20	1	US-08-470-152-19	Sequence 19, Appl
41	31	100.0	21	1	US-08-472-535-11	Sequence 11, Appl
42	31	100.0	21	1	US-08-472-535-12	Sequence 12, Appl
43	31	100.0	21	1	US-08-484-774-11	Sequence 11, Appl
44	31	100.0	21	1	US-08-484-774-12	Sequence 12, Appl
45	31	100.0	21	2	US-08-290-853-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-08-127-351-45
; Sequence 45, Application US/08127351
; Patent No. 5449761
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER &
; ADDRESSEE: NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08127,351
; FILING DATE: 28-SEP-1993
; CLASSIFICATION: 534
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 4980-004-44
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-127-351-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 26+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 2

US-08-480-367B-45
; Sequence 45, Application US/08480367B
; Patent No. 5578288
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE, PRICE, LeBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480.367B
; FILING DATE: 07-06-95
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 2654-002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 684-1111
; TELEFAX: (703) 684-1124
; TELEX:
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-480-367B-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 3

US-08-487-221A-45
; Sequence 45, Application US/08487221A
; Patent No. 5593656
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &
; ADDRESSEE: NEUSTADT, P.C.

; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487.221A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/127,351
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 4980-004-44
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-487-221A-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 4

US-08-480-370-45
; Sequence 45, Application US/08480370
; Patent No. 5609847
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &
; ADDRESSEE: NEUSTADT, P.C.
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480.370
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/127,351
FILING DATE: 28-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Villacorta, Gilberto M.
REGISTRATION NUMBER: 34,038
REFERENCE/DOCKET NUMBER: 4980-004-44
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-480-370-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 5
US-08-299-636-24
Sequence 24, Application US/08299636
Patent No. 5659041
GENERAL INFORMATION:
APPLICANT: POLLAK, Alfred
APPLICANT: KIRBY, Robert A.
APPLICANT: DUNN-DUPAULT, Robert
TITLE OF INVENTION: HYDRAZINO-TYPE RADIONUCLIDE CHELATORS
TITLE OF INVENTION: HAVING AN N3S CONFIGURATION
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,636
FILING DATE: 02-SEP-1994
CLASSIFICATION: 534
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/092,911
FILING DATE: 18-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 16777/262/ALLE

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-299-636-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 VGVAPG 6
Db 1 VGVAPG 6
RESULT 6
US-08-279-155-25
Sequence 25, Application US/08279155
Patent No. 5662885
GENERAL INFORMATION:
APPLICANT: POLLAK, Alfred
APPLICANT: GOODBODY, Anne
TITLE OF INVENTION: PEPTIDE DERIVED RADIONUCLIDE CHELATORS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIKAI DO, MARMELESTEIN, MURRAY & ORAM LLP
STREET: 655 Fifteenth Street, N. W., Suite 330 - G
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-5701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/279,155
FILING DATE: 22-JUL-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MURRAY, Robert B.
REGISTRATION NUMBER: 22,980
REFERENCE/DOCKET NUMBER: P8074-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/638-5000
TELEFAX: 202/638-4810
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-279-155-25

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 7
US-08-464-456-24
Sequence 24, Application US/08464456
Patent No. 5681541
GENERAL INFORMATION:
APPLICANT: Dean, Richard T
TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
TITLE OF INVENTION: Imaging
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Drive Suite 3000
CITY: Chicago

STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,456
FILING DATE: 05-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5681541nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1104-V
TELEPHONE: 312 715 1000
TELEFAX: 312 715 1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-468-456-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 8
US-08-468-543-16
Sequence 16, Application US/08468543
Patent No. 5726153
GENERAL INFORMATION:
APPLICANT: Lees, Robert S. et al.
TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR ARTERIAL IMAGING
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,543
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/398,046
FILING DATE: 02-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/201,057
FILING DATE: 24-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/048,569
FILING DATE: 16-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/694,929
FILING DATE: 02-MAY-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,215
FILING DATE: 03-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,142
FILING DATE: 03-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/189,130
FILING DATE: 02-MAY-1988
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04547/002003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 6
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-468-543-16

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 9
US-08-477-509B-15
Sequence 15, Application US/08477509B
Patent No. 5770697
GENERAL INFORMATION:
APPLICANT: Ferrari, Franco A
APPLICANT: Cappello, Joseph
APPLICANT: Crissman, John W
APPLICANT: Dorman, Mary A
TITLE OF INVENTION: No. 5770697el Peptides Comprising Repetitive
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,509B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/927,258

FILING DATE: 04-NOV-1986
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-7/RFT/MTK
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-477-509B-15

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 10
US-08-703-988A-25
Sequence 25, Application US/08703988A
Patent No. 5780006
GENERAL INFORMATION:
APPLICANT: POLLAK, Alfred
TITLE OF INVENTION: GOODBODY, Anne
TITLE OF INVENTION: PEPTIDE DERIVED RADIONUCLIDE
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIKAIIDO, MARMELSTEIN, MURRAY & ORAM
ADDRESS: LLP
STREET: 655 Fifteenth Street, N. W., Suite 330
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-5701
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,988A
FILING DATE: 28-AUG-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/279,155
FILING DATE: 22-JUL-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MURRAY, Robert B.
REGISTRATION NUMBER: 22,980
REFERENCE/DOCKET NUMBER: P8074-6011
TELEPHONE: 202/638-5000
TELEFAX: 202/638-4810
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-703-988A-25

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 11
US-08-463-052-24
Sequence 24, Application US/08463052
Patent No. 5788960
GENERAL INFORMATION:
APPLICANT: Dean, Richard T
TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
TITLE OF INVENTION: Imaging
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Drive Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,052
FILING DATE: 05-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5788960nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1104-V
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312 715 1000
TELEFAX: 312 715 1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-463-052-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 12
US-08-480-551-24
Sequence 24, Application US/08480551
Patent No. 5811394
GENERAL INFORMATION:
APPLICANT: Dean, Richard T
TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
TITLE OF INVENTION: Imaging
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive Suite 3000

;
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,551
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/264,176
; FILING DATE:
; APPLICATION NUMBER: US 07/653,012
; FILING DATE: 08-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 90,1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 715 1000
; TELEFAX: 312 715 1234
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-480-551-24

Query Match 100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 13
US-08-747-137-171
; Sequence 171, Application US/08747137
; Patent No. 5945033
; GENERAL INFORMATION:
; APPLICANT: YEN, Richard C.K.
; TITLE OF INVENTION: NON-CROSSLINKED PROTEIN PARTICLES FOR
; THERAPEUTIC AND DIAGNOSTIC USE
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,137
; FILING DATE: 12-NOV-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,546
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/069,831

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; FILING DATE: 01-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,560
; FILING DATE: 13-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/641,720
; FILING DATE: 15-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 016197-000840US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; US-08-747-137-171

Query Match 100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 14
US-08-469-692-16
; Sequence 16, Application US/08469692
; Patent No. 5955055
; GENERAL INFORMATION:
; APPLICANT: Lees, Robert S. et al.
; TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR ARTERIAL IMAGING
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,692
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/398,046
; FILING DATE: 02-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/201,057
; FILING DATE: 24-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/048,569
; FILING DATE: 16-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/694,929
; FILING DATE: 02-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,215
; FILING DATE: 03-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,142
; FILING DATE: 03-MAY-1990
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 07/189,130
; FILING DATE: 02-MAY-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04547/002002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-469-692-16

Query Match      100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVARP 6
Db 1 VGVARP 6

RESULT 15
US-08-398-046-16
; Sequence 16. Application US/08398046
; Patent No. 5972890
; GENERAL INFORMATION:
; APPLICANT: Lees, Robert S. et al.
; TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR
; TITLE OF INVENTION: ARTERIAL IMAGING
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,046
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/201,057
; FILING DATE:
; APPLICATION NUMBER: US/08/048,569
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/694,929
; APPLICATION NUMBER: 07/517,215
; FILING DATE: May 3, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/518,142
; FILING DATE: May 3, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/189,130
; FILING DATE: May 2, 1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04547/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
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; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-398-046-16

Query Match      100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVARP 6
Db 1 VGVARP 6

Search completed: February 3, 2003, 09:38:43
Job time : 0.276316 secs
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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:28 ; Search time 0.394737 Seconds
(without alignments)
1229.978 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 404799 seqs, 80919614 residues

Total number of hits satisfying chosen parameters: 404799

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA New:*

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- 2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pdp.*
- 3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pdp.*
- 4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pdp.*
- 5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pdp.*
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- 7: /cgn2_6/ptodata/1/paa/US60_NEW_COMB.pdp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	420	5	US-09-724-676-51208
2	31	100.0	420	5	US-09-724-676-51213
3	31	100.0	420	5	US-09-724-676A-51208
4	31	100.0	420	5	US-09-724-676A-51213
5	30	96.8	276	5	US-09-134-000C-5866
6	30	96.8	276	5	US-09-134-000C-5866
7	30	96.8	3708	5	US-09-724-676-61375
8	30	96.8	3708	5	US-09-724-676A-61375
9	30	96.8	5159	6	US-10-085-198-112
10	29	93.5	428	6	US-10-092-411A-3801
11	29	93.5	438	5	US-09-950-084-5631
12	28	90.3	74	5	US-09-513-999C-6428
13	28	90.3	80	1	PCT-US02-32727-17468
14	28	90.3	80	6	US-10-057-498-17468
15	28	90.3	154	6	US-10-294-025-383
16	28	90.3	161	6	US-10-294-025-846
17	28	90.3	271	6	US-10-267-255-141
18	28	90.3	872	5	US-09-866-020A-30
19	28	90.3	3931	6	US-10-120-801-18
20	27	87.1	32	6	US-10-174-410-239
21	27	87.1	46	6	US-10-276-774-1604
22	27	87.1	50	1	PCT-US02-32727-14537
23	27	87.1	50	1	PCT-US02-32727-23960
24	27	87.1	50	1	PCT-US02-32727-27099
25	27	87.1	50	6	US-10-057-498-14537
26	27	87.1	50	6	US-10-057-498-23960

Sequence 27099, A
Sequence 25686, A
Sequence 25686, A
Sequence 22007, A
Sequence 22007, A
Sequence 6517, Ap
Sequence 6517, Ap
Sequence 25894, A
Sequence 25894, A
Sequence 23858, A
Sequence 23858, A
Sequence 3056, Ap
Sequence 3056, Ap
Sequence 26, Appl
Sequence 24, Appl
Sequence 28, Appl
Sequence 28, Appl
Sequence 28, Appl

ALIGNMENTS

RESULT 1

US-09-724-676-51208
; Sequence 51208, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51208
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-51208

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAPG 6

Db 367 VGAPG 372

RESULT 2

US-09-724-676-51213
; Sequence 51213, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51213
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-51213

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAPG 6

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Db 367 VGVAPG 372

RESULT 3
US-09-724-676A-51208
; Sequence 51208, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51208
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-51208

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 367 VGVAPG 372

RESULT 4
US-09-724-676A-51213
; Sequence 51213, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51213
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-51213

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 367 VGVAPG 372

RESULT 5
US-09-134-000C-5866
; Sequence 5866, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5866
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5866

Query Match 96.8%; Score 30; DB 5; Length 276;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 194 VGIAPG 199

RESULT 6
US-09-134-000C-5866
; Sequence 5866, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5866
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5866

Query Match 96.8%; Score 30; DB 5; Length 276;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 194 VGIAPG 199

RESULT 7
US-09-724-676-61375
; Sequence 61375, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61375
; LENGTH: 3708
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-61375

Query Match 96.8%; Score 30; DB 5; Length 3708;
Best Local Similarity 83.3%; Pred. No. 3.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 1615 IGVAPG 1620

RESULT 8
US-09-724-676A-61375
; Sequence 61375, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
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; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61375
; LENGTH: 3708
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-61375

Query Match 96.8%; Score 30; DB 5; Length 3708;
Best Local Similarity 83.3%; Pred. No. 3.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAVPG 6
:|||||
Db 1615 IGAVPG 1620

RESULT 9

US-10-085-198-112
; Sequence 112, Application US/10085198
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-25
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 5159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-085-198-112

Query Match 96.8%; Score 30; DB 6; Length 5159;
Best Local Similarity 83.3%; Pred. No. 4.6e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAVPG 6
:|||||
Db 2864 IGAVPG 2869

RESULT 10

US-10-092-411A-3801
; Sequence 3801, Application US/10092411A
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 032796-101
; CURRENT APPLICATION NUMBER: US/10/092,411A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 09/134,001
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5676
; SEQ ID NO 3801
; LENGTH: 428
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-10-092-411A-3801

Query Match 93.5%; Score 29; DB 6; Length 428;
Best Local Similarity 66.7%; Pred. No. 5.1e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAVPG 6
:|||||
Db 329 IGIAPG 334

RESULT 11

US-09-950-084-5631
; Sequence 5631, Application US/09950084
; GENERAL INFORMATION:
; APPLICANT: George H. Shimer, Jr.
; APPLICANT: George H. Miller
; APPLICANT: Roberta S. Hare
; APPLICANT: Karen J. Shaw
; TITLE OF INVENTION: Staphylococcus aureus Related Compositions and Methods
; FILE REFERENCE: 1034/1C963US2
; CURRENT APPLICATION NUMBER: US/09/950,084
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 09/417,811
; PRIOR FILING DATE: 1999-10-14
; PRIOR APPLICATION NUMBER: US 09/353,718
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/266,557
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,556
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,555
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,542
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,541
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/037,934
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 09/036,720
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: US 09/036,338
; PRIOR FILING DATE: 1998-03-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 7451
; SEQ ID NO 5631
; LENGTH: 438
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-950-084-5631

Query Match 93.5%; Score 29; DB 5; Length 438;
Best Local Similarity 66.7%; Pred. No. 5.2e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAVPG 6
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Db 339 IGIAPG 344

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RESULT 12
US-09-513-999C-6428
; Sequence 6428, Application US/09513999C
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 6428
; LENGTH: 74
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 3
; OTHER INFORMATION: Xaa=Gln or Arg
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 29
; OTHER INFORMATION: Xaa= * or Cys or Phe or Ile or Lys or Leu or Met or Asn or Arg
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 58
; OTHER INFORMATION: Xaa=Gly or Arg
US-09-513-999C-6428

Query Match          90.3%; Score 28; DB 5; Length 74;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   |||:|
Db 20 VGVAPG 25

RESULT 13
PCT-US02-32727-17468
; Sequence 17468, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siqing
; APPLICANT: Jen, Shvian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglas, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514C1
; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 17468
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Propionibacterium acnes
PCT-US02-32727-17468

Query Match          90.3%; Score 28; DB 1; Length 80;
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Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   |||:|
Db 36 VGVAPG 41

RESULT 14
US-10-057-498-17468
; Sequence 17468, Application US/10057498
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514
; CURRENT APPLICATION NUMBER: US/10/057,498
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 29212
; SEQ ID NO 17468
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Propionibacterium acnes
US-10-057-498-17468

Query Match          90.3%; Score 28; DB 6; Length 80;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   |||:|
Db 36 VGVAPG 41

RESULT 15
US-10-294-025-383
; Sequence 383, Application US/10294025
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Stolk, John A.
; APPLICANT: Kalos, Michael D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.427C29
; CURRENT APPLICATION NUMBER: US/10/294,025
; CURRENT FILING DATE: 2002-11-12
; NUMBER OF SEQ ID NOS: 1038
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 383
; LENGTH: 154
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-294-025-383

Query Match          90.3%; Score 28; DB 6; Length 154;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   |||:|
Db 87 LGVAPG 92

Search completed: February 3, 2003, 09:46:34
Job time : 0.394737 secs
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:08 ; Search time 3.21316 Seconds
(without alignments)
1203.924 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA Main.*

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3:	/cgn2_6/ptodata/1/paa/US07_COMB.pep.*
4:	/cgn2_6/ptodata/1/paa/US08_COMB.pep.*
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11:	/cgn2_6/ptodata/1/paa/US087_COMB.pep.*
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15:	/cgn2_6/ptodata/1/paa/US091_COMB.pep.*
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20:	/cgn2_6/ptodata/1/paa/US096_COMB.pep.*
21:	/cgn2_6/ptodata/1/paa/US097_COMB.pep.*
22:	/cgn2_6/ptodata/1/paa/US098_COMB.pep.*
23:	/cgn2_6/ptodata/1/paa/US099_COMB.pep.*
24:	/cgn2_6/ptodata/1/paa/US100_COMB.pep.*
25:	/cgn2_6/ptodata/1/paa/US101_COMB.pep.*
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27:	/cgn2_6/ptodata/1/paa/US60_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	100.0	6	1	PCT-US99-04440-52
2	31	100.0	6	6	US-08-263-758-24
3	31	100.0	6	8	US-08-477-509-15
4	31	100.0	6	8	US-08-482-085-15
5	31	100.0	6	16	US-09-258-723-52
6	31	100.0	6	18	US-09-463-158A-7

7	31	100.0	6	19	US-09-511-008-1	Sequence 1, Appli
8	31	100.0	6	19	US-09-511-416-1	Sequence 1, Appli
9	31	100.0	6	19	US-09-554-996-1	Sequence 1, Appli
10	31	100.0	6	22	US-09-837-969A-52	Sequence 52, Appl
11	31	100.0	6	22	US-09-841-321A-52	Sequence 52, Appl
12	31	100.0	6	22	US-09-841-334A-52	Sequence 52, Appl
13	31	100.0	6	22	US-09-861-972-1	Sequence 1, Appli
14	31	100.0	6	22	US-09-861-972-2	Sequence 2, Appli
15	31	100.0	6	22	US-09-861-972-3	Sequence 3, Appli
16	31	100.0	6	22	US-09-861-972-4	Sequence 4, Appli
17	31	100.0	6	22	US-09-861-972-5	Sequence 5, Appli
18	31	100.0	6	22	US-09-861-972-6	Sequence 6, Appli
19	31	100.0	6	23	US-09-972-843-2	Sequence 2, Appli
20	31	100.0	6	24	US-10-096-986-15	Sequence 15, Appl
21	31	100.0	18	6	US-08-263-758-13	Sequence 13, Appl
22	31	100.0	18	9	US-08-582-134A-1	Sequence 1, Appli
23	31	100.0	20	9	US-08-582-134A-19	Sequence 19, Appl
24	31	100.0	37	27	US-60-160-203-5845	Sequence 5845, Ap
25	31	100.0	42	19	US-09-554-996-2	Sequence 2, Appli
26	31	100.0	117	17	US-09-340-736A-9	Sequence 9, Appli
27	31	100.0	117	17	US-09-340-736E-9	Sequence 9, Appli
28	31	100.0	118	17	US-09-340-736A-10	Sequence 10, Appl
29	31	100.0	118	17	US-09-340-736E-10	Sequence 10, Appl
30	31	100.0	125	25	US-10-104-047-3201	Sequence 3201, Ap
31	31	100.0	148	1	PCT-US99-04440-14	Sequence 14, Appl
32	31	100.0	148	16	US-09-258-723-14	Sequence 14, Appl
33	31	100.0	148	22	US-09-837-969A-14	Sequence 14, Appl
34	31	100.0	148	22	US-09-841-321A-14	Sequence 14, Appl
35	31	100.0	148	22	US-09-841-334A-14	Sequence 14, Appl
36	31	100.0	173	23	US-09-902-540-15619	Sequence 15619, A
37	31	100.0	199	17	US-09-340-736A-11	Sequence 11, Appl
38	31	100.0	199	17	US-09-340-736E-11	Sequence 11, Appl
39	31	100.0	200	17	US-09-340-736A-2	Sequence 2, Appli
40	31	100.0	200	17	US-09-340-736E-2	Sequence 2, Appli
41	31	100.0	201	17	US-09-340-736-2	Sequence 2, Appli
42	31	100.0	240	27	US-60-360-033-8821	Sequence 8821, Ap
43	31	100.0	249	21	US-09-791-537-7176	Sequence 7176, Ap
44	31	100.0	249	21	US-09-791-537-37805	Sequence 37805, A
45	31	100.0	249	21	US-09-791-537-132174	Sequence 132174,

ALIGNMENTS

RESULT 1
PCT-US99-04440-52
; Sequence 52, Application PC/TUS9904440
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan W.
; APPLICANT: Parker, Timothy M.
; APPLICANT: Glazer, Paul A.
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and
; FILE REFERENCE: BERL-020/02WO
; CURRENT APPLICATION NUMBER: PCT/US99/04440
; CURRENT FILING DATE: 1999-02-26
; EARLIER FILING DATE: 1998-05-29
; EARLIER APPLICATION NUMBER: 60/087155
; EARLIER FILING DATE: 1998-05-29
; EARLIER APPLICATION NUMBER: 60/076297
; EARLIER FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
PCT-US99-04440-52

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 2
US-08-263-758-24
; Sequence 24, Application US/08263758
; GENERAL INFORMATION:
; APPLICANT: Dean, Richard T
; TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/263,758
; FILING DATE: 22-JUN-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE: 08-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 90,1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 715 1000
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-263-758-24

Query Match 100.0%; Score 31; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 3
US-08-477-509-15
; Sequence 15, Application US/08477509
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A
; APPLICANT: Cappello, Joseph
; APPLICANT: Criseman, John w
; APPLICANT: Dorman, Mary A
; TITLE OF INVENTION: Novel Peptides Comprising Repetitive
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco

; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,509
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: a-55186-6/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-477-509-15

Query Match 100.0%; Score 31; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 4
US-08-482-085-15
; Sequence 15, Application US/08482085
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A
; APPLICANT: Cappello, Joseph
; APPLICANT: Criseman, John w
; APPLICANT: Dorman, Mary A
; TITLE OF INVENTION: Novel Peptides Comprising Repetitive
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,085
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: a-55186-6/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-482-085-15

Query Match 100.0%; Score 31; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 5

US-09-258-723-52
; Sequence 52, Application US/09258723
; GENERAL INFORMATION:

; APPLICANT: Urry, Dan W.
; APPLICANT: Parker, Timothy M.
; APPLICANT: Glazer, Paul A.
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and
; TITLE OF INVENTION: Restoration
; FILE REFERENCE: BERL-020/020US
; CURRENT APPLICATION NUMBER: US/09/258.723
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 60/087155
; EARLIER FILING DATE: 1998-05-29
; EARLIER APPLICATION NUMBER: 60/076297
; EARLIER FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic

US-09-258-723-52

Query Match 100.0%; Score 31; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 6

US-09-463-158A-7
; Sequence 7, Application US/09463158A
; GENERAL INFORMATION:

; APPLICANT: Matossian-Rogers, Arpi
; TITLE OF INVENTION: Ligands Including Antibodies, Showing Reactivity Against Endocrin
; FILE REFERENCE: CARP0076
; CURRENT APPLICATION NUMBER: US/09/463.158A
; CURRENT FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 9715281.3
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 9810676.8
; PRIOR FILING DATE: 1998-05-18
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide

US-09-463-158A-7

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 7

US-09-511-008-1
; Sequence 1, Application US/09511008
; GENERAL INFORMATION:

; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Arterial Wall
; TITLE OF INVENTION: Disruptive Disorders
; FILE REFERENCE: 020618-000600US
; CURRENT APPLICATION NUMBER: US/09/511.008
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:elastin
; OTHER INFORMATION: degradation product (BDP)

US-09-511-008-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 8

US-09-511-416-1

; Sequence 1, Application US/09511416
; GENERAL INFORMATION:

; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Macular
; TITLE OF INVENTION: Degeneration
; FILE REFERENCE: 020618-000700US
; CURRENT APPLICATION NUMBER: US/09/511.416
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:elastin
; OTHER INFORMATION: degradation product (BDP)

US-09-511-416-1

US-09-511-416-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 9

US-09-554-996-1
; Sequence 1, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-554-996-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 10

US-09-837-969A-52
; Sequence 52, Application US/09837969A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-837-969A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 11

US-09-841-321A-52
; Sequence 52, Application US/09841321A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-841-321A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 12

US-09-841-334A-52
; Sequence 52, Application US/09841334A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; APPLICANT: Parker, Timothy
; APPLICANT: Glazer, Paul
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/05US
; CURRENT APPLICATION NUMBER: US/09/841,334A
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-841-334A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 1 VGVAPG 6

RESULT 13

US-09-861-972-1

; Sequence 1, Application US/09861972

; GENERAL INFORMATION:

; APPLICANT: Seiberg, Miri

; APPLICANT: Shapiro, Stanley

; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

; TITLE OF INVENTION: Darkening the Skin

; FILE REFERENCE: J&J 1992

; CURRENT APPLICATION NUMBER: US/09/861,972

; CURRENT FILING DATE: 2001-05-21

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Peptide

; NAME/KEY: misc.feature

; LOCATION: (4)..(4)

; OTHER INFORMATION: C-terminal amidation

US-09-861-972-1

Query Match

Best Local Similarity 100.0%; Score 31; DB 22; Length 6;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 1 VGVAPG 6

RESULT 14

US-09-861-972-2

; Sequence 2, Application US/09861972

; GENERAL INFORMATION:

; APPLICANT: Seiberg, Miri

; APPLICANT: Shapiro, Stanley

; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

; TITLE OF INVENTION: Darkening the Skin

; FILE REFERENCE: J&J 1992

; CURRENT APPLICATION NUMBER: US/09/861,972

; CURRENT FILING DATE: 2001-05-21

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Peptide

US-09-861-972-2

Query Match

Best Local Similarity 100.0%; Score 31; DB 22; Length 6;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 1 VGVAPG 6

RESULT 15

US-09-861-972-3

; Sequence 3, Application US/09861972

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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:48 ; Search time 0.181579 Seconds
(without alignments)
666.770 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGVAPG 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 122226 seqs, 20178551 residues

Total number of hits satisfying chosen parameters: 122226

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
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- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	6	9	US-09-861-972-1
2	31	100.0	6	9	US-09-861-972-2
3	31	100.0	6	9	US-09-861-972-3
4	31	100.0	6	9	US-09-861-972-4
5	31	100.0	6	9	US-09-861-972-5
6	31	100.0	6	9	US-09-861-972-6
7	31	100.0	6	10	US-09-837-969A-52
8	31	100.0	6	10	US-09-841-321A-52
9	31	100.0	148	10	US-09-837-969A-14
10	31	100.0	148	10	US-09-841-321A-14
11	31	100.0	336	10	US-09-925-300-1408
12	31	100.0	745	10	US-09-837-969A-38
13	31	100.0	745	10	US-09-841-321A-38
14	30	96.8	659	12	US-10-090-624-12
15	29	93.5	111	10	US-09-939-980-437
16	29	93.5	416	10	US-09-815-242-10139
17	29	93.5	416	10	US-09-815-242-13839
18	29	93.5	418	10	US-09-815-242-11877
19	29	93.5	422	10	US-09-815-242-12622

20	29	93.5	423	10	US-09-815-242-5428	Sequence 5428, Ap
21	29	93.5	425	10	US-09-815-242-11283	Sequence 11283, A
22	28	90.3	154	9	US-10-012-896-383	Sequence 383, App
23	28	90.3	154	9	US-09-895-793-383	Sequence 383, App
24	28	90.3	154	9	US-09-895-814-383	Sequence 383, App
25	28	90.3	154	10	US-09-759-143-383	Sequence 383, App
26	28	90.3	154	10	US-09-780-663-383	Sequence 383, App
27	28	90.3	154	10	US-09-822-827-383	Sequence 846, App
28	28	90.3	161	9	US-09-895-793-846	Sequence 846, App
29	28	90.3	161	9	US-09-895-814-846	Sequence 846, App
30	28	90.3	161	10	US-09-759-143-846	Sequence 846, App
31	28	90.3	161	10	US-09-780-663-846	Sequence 846, App
32	28	90.3	161	10	US-09-822-827-846	Sequence 846, App
33	28	90.3	173	10	US-09-764-870-520	Sequence 520, App
34	28	90.3	854	9	US-10-128-870-27	Sequence 27, Appli
35	28	90.3	872	10	US-09-813-148-5	Sequence 5, Appli
36	28	90.3	1086	10	US-09-900-237-10	Sequence 10, Appl
37	28	90.3	43	10	US-09-864-761-3935	Sequence 3935, A
38	27	87.1	78	9	US-09-897-878B-10	Sequence 10, Appl
39	27	87.1	79	9	US-09-897-878B-7	Sequence 7, Appli
40	27	87.1	91	9	US-09-897-878B-9	Sequence 9, Appli
41	27	87.1	92	9	US-09-897-878B-6	Sequence 6, Appli
42	27	87.1	93	10	US-09-764-870-533	Sequence 533, App
43	27	87.1	105	9	US-09-897-878B-8	Sequence 8, Appli
44	27	87.1	106	9	US-09-897-878B-5	Sequence 5, Appli
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ALIGNMENTS

RESULT 1

US-09-861-972-1
; Sequence 1, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; TITLE OF INVENTION: Darkening the Skin
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: C-terminal amidation
; US-09-861-972-1

Query Match 100.0%; Score 31; DB 9; Length 6;

Best Local Similarity 100.0%; Pred. No. 1e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6

Db 1 VGVAPG 6

RESULT 2

US-09-861-972-2
; Sequence 2, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

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; TITLE OF INVENTION: Darkening the Skin
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-09-861-972-2
Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 3
US-09-861-972-3
; Sequence 3, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Palmitoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: Amidated C-terminus
US-09-861-972-3
Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 4
US-09-861-972-4
; Sequence 4, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: MISC FEATURE
; LOCATION: (1)..(1)
; OTHER INFORMATION: Palmitoyl N-terminus
US-09-861-972-4
Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 5
US-09-861-972-5
; Sequence 5, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Staratoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Stearatoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: Amidated C-terminus
US-09-861-972-5
Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 6
US-09-861-972-6
; Sequence 6, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
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; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Stearatoyl N-terminus
US-09-861-972-6

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 7
US-09-837-969A-52
; Sequence 52, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic
US-09-837-969A-52

Query Match 100.0%; Score 31; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 8
US-09-841-321A-52
; Sequence 52, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29

; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic
US-09-841-321A-52

Query Match 100.0%; Score 31; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 9
US-09-837-969A-14
; Sequence 14, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-837-969A-14

Query Match 100.0%; Score 31; DB 10; Length 148;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 94 VGVAPG 99

RESULT 10
US-09-841-321A-14
; Sequence 14, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155

; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-841-321A-14

Query Match 100.0%; Score 31; DB 10; Length 148;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 94 VGVAPG 99

RESULT 11

US-09-925-300-1408
; Sequence 1408, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA101
; CURRENT APPLICATION NUMBER: US/09/925,300
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1890
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1408
; LENGTH: 336
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-300-1408

Query Match 100.0%; Score 31; DB 10; Length 336;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 283 VGVAPG 288

RESULT 12

US-09-837-969A-38
; Sequence 38, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
US-09-837-969A-38

Query Match 100.0%; Score 31; DB 10; Length 745;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 644 VGVAPG 649

RESULT 13

US-09-841-321A-38
; Sequence 38, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
US-09-841-321A-38

Query Match 100.0%; Score 31; DB 10; Length 745;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 644 VGVAPG 649

RESULT 14

US-10-090-624-12
; Sequence 12, Application US/10090624
; Patent No. US20020132335A1
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/10/090,624
; CURRENT FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 09/445,472
; PRIOR FILING DATE: 1999-12-06

;; PRIOR APPLICATION NUMBER: 151969/1997
;; PRIOR FILING DATE: 1997-06-10
;; NUMBER OF SEQ ID NOS: 33
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 12
;; LENGTH: 659
;; TYPE: PRT
;; ORGANISM: Thermococcus celer
US-10-090-624-12

Query Match 96.8%; Score 30; DB 12; Length 659;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 219 IGVAPG 224

RESULT 15

US-09-939-980-437
; Sequence 437, Application US/09939980
; Patent No. US2002008234A1
; GENERAL INFORMATION:
; APPLICANT: Black, Michael
; Burnham, Martin
; Hodgson, John
; Knowles, David
; Lonetto, Michael
; Nicholas, Richard
; Pratt, Julie
; Reichard, Richard
; Rosenberg, Martin
; Ward, Judith
; TITLE OF INVENTION: No. US2002008234A1el Prokaryotic Polynucleotides,
; Polypeptides and Their Uses
; NUMBER OF SEQUENCES: 534
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,980
; FILING DATE: 27-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/936,165
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimmil, Edward R
; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P50549
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 437:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 111 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 437:
US-09-939-980-437

Query Match 93.5%; Score 29; DB 10; Length 111;
Best Local Similarity 66.7%; Pred. No. 34;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 80 IGVAPG 85

Search completed: February 3, 2003, 09:47:03
Job time : 0.181579 secs

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Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	124	57.1	113	1	PCT-US02-32727-29606	Sequence 29606, A	
2	119	54.8	117	1	PCT-US02-32727-5404	Sequence 5404, Ap	
3	119	54.8	117	6	US-10-057-498-5404	Sequence 5404, Ap	
4	117	53.9	369	1	PCT-US02-32727-30253	Sequence 30253, A	
5	112.5	51.8	100	5	US-09-251-6388-4	Sequence 4, Appli	
6	112.5	51.8	605	5	US-09-251-6388-3	Sequence 3, Appli	
7	112.5	51.8	605	5	US-09-251-6388-5	Sequence 5, Appli	
8	99.5	45.9	60	1	PCT-US02-32727-25900	Sequence 25900, A	
9	99.5	45.9	60	6	US-10-057-498-25900	Sequence 25900, A	
10	99	45.6	1083	6	US-10-144-779-495	Sequence 495, Appl	
11	99	45.6	1536	1	PCT-US02-18256-54	Sequence 54, Appl	
12	95	43.1	105	1	PCT-US02-18256-20	Sequence 20, Appl	
13	93.5	43.1	280	6	US-10-308-485-1	Sequence 1, Appli	
14	93.5	43.1	1567	6	US-10-308-485-2	Sequence 2, Appli	
15	88	40.6	104	1	PCT-US02-32727-17214	Sequence 17214, A	
16	88	40.6	104	6	US-10-057-498-17214	Sequence 17214, A	
17	88	40.6	740	6	US-10-017-161-2418	Sequence 2418, Ap	
18	86.5	39.9	32	1	PCT-US02-18256-48	Sequence 48, Appl	
19	82	37.8	761	1	PCT-US02-18256-18	Sequence 18, Appli	
20	81	37.3	63	1	PCT-US02-32727-7677	Sequence 7677, Ap	
21	81	37.3	63	6	US-10-057-498-7677	Sequence 7677, Ap	
22	79	36.4	136	1	PCT-US02-32727-7649	Sequence 7649, Ap	
23	79	36.4	136	6	US-10-057-498-7649	Sequence 7649, Ap	
24	78	35.9	80	1	PCT-US02-32727-5223	Sequence 5223, Ap	
25	78	35.9	80	6	US-10-057-498-5223	Sequence 5223, Ap	
26	78	35.9	520	1	PCT-US02-18256-21	Sequence 21, Appl	

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; FILE REFERENCE: 210121_514C1
; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 30253
; LENGTH: 369
; TYPE: PRT
; ORGANISM: Propionibacterium acnes
PCT-US02-32727-30253

Query Match          53.9%; Score 117; DB 1; Length 369;
Best Local Similarity 61.9%; Pred. No. 0.00097;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY   1 VGVAPGVGVPAGVPGVGLAPGVGVPAGVGPAGVGVAPG 42
      ||| |||| | | | | | | | | | | | | | | | |
Db   35 VGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 76

RESULT 5
US-09-251-638B-4
; Sequence 4, Application US/09251638B
; GENERAL INFORMATION:
; APPLICANT: DANIELL, HENRY
; TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
; FILE OF INVENTION: STRENGTH, WATER ABSORPTION AND DYE BINDING
; FILE REFERENCE: 1483-R-00
; CURRENT APPLICATION NUMBER: US/09/251,638B
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/074,997
; PRIOR FILING DATE: 1998-02-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-251-638B-4

Query Match          51.8%; Score 112.5; DB 5; Length 100;
Best Local Similarity 81.0%; Pred. No. 0.00067;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

QY   1 VGVAPGVGVPAGVPGVGLAPGVGVPAGVGPAGVGVAPG 42
      ||| ||| |||| |||| |||| |||| |||| |||| ||
Db   17 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGV 51

RESULT 6
US-09-251-638B-3
; Sequence 3, Application US/09251638B
; GENERAL INFORMATION:
; APPLICANT: DANIELL, HENRY
; TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
; FILE OF INVENTION: STRENGTH, WATER ABSORPTION AND DYE BINDING
; FILE REFERENCE: 1483-R-00
; CURRENT APPLICATION NUMBER: US/09/251,638B
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/074,997
; PRIOR FILING DATE: 1998-02-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-251-638B-3
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Query Match 51.8%; Score 112.5; DB 5; Length 605;
Best Local Similarity 81.0%; Pred. No. 0.004;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 522 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 556

RESULT 7

US-09-251-638B-5
; Sequence 5, Application US/09251638B
; GENERAL INFORMATION:
; APPLICANT: DANIELLE, HENRY
; TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
; TITLE OF INVENTION: STRENGTH, WATER ABSORPTION AND DYE BINDING
; FILE REFERENCE: 1483-R-00
; CURRENT APPLICATION NUMBER: US/09/251.638B
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/074,997
; PRIOR FILING DATE: 1998-02-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: repeat unit
; LOCATION: 1..605_
; OTHER INFORMATION: Repeats at least once
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-251-638B-5

Query Match 51.8%; Score 112.5; DB 5; Length 605;
Best Local Similarity 81.0%; Pred. No. 0.004;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 522 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 556

RESULT 8

PCT-US02-32727-25900
; Sequence 25900, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siging
; APPLICANT: Jen, Shyian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglass, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514C1
; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 25900
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Propioni acnes

PCT-US02-32727-25900

Query Match 45.9%; Score 99.5; DB 1; Length 60;
Best Local Similarity 50.0%; Pred. No. 0.0059;
Matches 23; Conservative 3; Mismatches 15; Indels 5; Gaps 1;

Qy 1 VGVAPGVGVA-----PGVGVAPGVGLAPGVGVPAGVAPGVGVPAG 41
Db 12 VVAAPGTGLTVASPEVAGVGVGVGVGVGVGVGVGVGVGVGVGVGV 57

RESULT 9

US-10-057-498-25900
; Sequence 25900, Application US/10057498
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514
; CURRENT APPLICATION NUMBER: US/10/057,498
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 29212
; SEQ ID NO 25900
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Propioni acnes
US-10-057-498-25900

Query Match 45.9%; Score 99.5; DB 6; Length 60;
Best Local Similarity 50.0%; Pred. No. 0.0059;
Matches 23; Conservative 3; Mismatches 15; Indels 5; Gaps 1;

Qy 1 VGVAPGVGVA-----PGVGVAPGVGLAPGVGVPAGVAPGVGVPAG 41
Db 12 VVAAPGTGLTVASPEVAGVGVGVGVGVGVGVGVGVGVGVGVGVGV 57

RESULT 10

US-10-144-779-495
; Sequence 495, Application US/10144779
; GENERAL INFORMATION:
; APPLICANT: SUBRAMANIAN, Mani et al.
; TITLE OF INVENTION: MOUSE ORTHOLOGS OF HUMAN DISEASE GENES,
; TITLE OF INVENTION: PROTEINS ENCODED BY THESE MOUSE GENES, AND USES THEREOF
; FILE REFERENCE: CL001235
; CURRENT APPLICATION NUMBER: US/10/144,779
; CURRENT FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 864
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 495
; LENGTH: 1083
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-144-779-495

Query Match 45.6%; Score 99; DB 6; Length 1083;
Best Local Similarity 43.9%; Pred. No. 0.12;
Matches 18; Conservative 4; Mismatches 19; Indels 0; Gaps 0;

Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 90 GAGVGIGIGVGTGAGAGVGVGTGAGAGVGVGTGAGTGVGVSAG 130

RESULT 11

PCT-US02-18256-54
; Sequence 54, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants

```
; FILE REFERENCE: UNYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 1536
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-54

Query Match 45.6%; Score 99; DB 1; Length 1536;
Best Local Similarity 66.7%; Pred. No. 0.16;
Matches 28; Conservative 0; Mismatches 12; Indels 2; Gaps 2;

Qy 1 VGVAPGVGVAPGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 1464 VGVGVGVGVG-VGGAGGVGGAGGVGGA-GVGVGVGVGVGVG 1503

RESULT 12
PCT-US02-18256-20
; Sequence 20, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UNYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Kukulcania
PCT-US02-18256-20

Query Match 43.8%; Score 95; DB 1; Length 105;
Best Local Similarity 52.4%; Pred. No. 0.026;
Matches 22; Conservative 1; Mismatches 17; Indels 2; Gaps 1;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 4 VGVGASVGVGAGGVV--GVGVAAGAGAAAGAGAGAGAGGGAG 43

RESULT 13
US-10-308-485-1
; Sequence 1, Application US/10308485
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 280
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; TYPE: PRT
; ORGANISM: Mus musculus
US-10-308-485-1

Query Match 43.1%; Score 93.5; DB 6; Length 280;
Best Local Similarity 40.3%; Pred. No. 0.095;
Matches 25; Conservative 6; Mismatches 6; Indels 25; Gaps 5;

Qy 5 PGVGV-----APGVGV-----APGVGL-----APGVGV-----APGVGV-----APGVGV 39
Db 110 PGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVG 169

Qy 40 AP 41
Db 170 PP 171

RESULT 14
US-10-308-485-2
; Sequence 2, Application US/10308485
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1567
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-308-485-2

Query Match 43.1%; Score 93.5; DB 6; Length 1567;
Best Local Similarity 40.3%; Pred. No. 0.52;
Matches 25; Conservative 6; Mismatches 6; Indels 25; Gaps 5;

Qy 5 PGVGV-----APGVGV-----APGVGL-----APGVGV-----APGVGV-----APGVGV 39
Db 950 PGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVG 1009

Qy 40 AP 41
Db 1010 PP 1011

RESULT 15
PCT-US02-32727-17214
; Sequence 17214, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siding
; APPLICANT: Jen, Shyian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglass, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514C1
```



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; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 17214
; LENGTH: 104
; TYPE: PRT
; ORGANISM: Propionibacterium
PCT-US02-32727-17214
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Query Match 40.6%; Score 88; DB 1; Length 104;
Best Local Similarity 45.5%; Pred. No. 0.11;
Matches 20; Conservative 3; Mismatches 13; Indels 8; Gaps 1;
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QY 5 PGVGVA-----PGVGVAFGVGLAPGVGVAFGVGVGVA 40
Db 28 PGRGVALVRAAELRPLGLPGLLEPGRGVGVGFGPGLGFGAGLA 71
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Job time : 3.76316 secs
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42

RESULT 2

US-09-611-523-212
; Sequence 212, Application US/09611523
; GENERAL INFORMATION:
; APPLICANT: OTA, TOSHIO
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: NISHIKAWA, TETSUO
; APPLICANT: KAWAI, YURI
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: HAYASHI, KOJI
; TITLE OF INVENTION: SECRETORY PROTEIN OR MEMBRANE PROTEIN
; FILE REFERENCE: 084335/0121
; CURRENT APPLICATION NUMBER: US/09/611,523
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: JP 1999-194179
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: JP 2000-118775
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: JP 2000-183766
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/159,586
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/183,323
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 679
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 212
; LENGTH: 472
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-611-523-212

Query Match 100.0%; Score 217; DB 20; Length 472;
Best Local Similarity 100.0%; Pred. No. 1.5e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 251 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 292

RESULT 3

US-09-743-818-71
; Sequence 71, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 515
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-71

Query Match 100.0%; Score 217; DB 21; Length 515;
Best Local Similarity 100.0%; Pred. No. 1.6e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 492

RESULT 4

US-09-743-818-7

US-09-743-818-7
; Sequence 7, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 571
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-7

Query Match 100.0%; Score 217; DB 21; Length 571;
Best Local Similarity 100.0%; Pred. No. 1.8e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 492

RESULT 5

US-10-104-047-2915
; Sequence 2915, Application US/10104047
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: Novel full length cdna
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2915
; LENGTH: 617
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2915

Query Match 100.0%; Score 217; DB 25; Length 617;
Best Local Similarity 100.0%; Pred. No. 2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 42
Db 388 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAG 429

RESULT 6

US-09-463-091-5
; Sequence 5, Application US/09463091
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; UNIVERSITY, SYDNEY
; TITLE OF INVENTION: TROPOLASTIN DERIVATIVES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GRIFFITH HACK
; STREET: 168 WALKER STREET
; CITY: NORTH SYDNEY
; STATE: NEW SOUTH WALES
; COUNTRY: AUSTRALIA
; ZIP: 2060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,091
; FILING DATE: 31-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P08117
; FILING DATE: 18-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GUMLEY, THOMAS P
; REFERENCE/DOCKET NUMBER: 04828ZK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 61 2 9957 5944
; TELEFAX: 61 2 9957 6288
; TELEX: 26547
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 660 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5

Query Match 100.0%; Score 217; DB 18; Length 660;
Best Local Similarity 100.0%; Pred. No. 2.1e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 414 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 455

RESULT 7
US-09-743-818-6
; Sequence 6, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-6

Query Match 100.0%; Score 217; DB 21; Length 660;
Best Local Similarity 100.0%; Pred. No. 2.1e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 414 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 455

RESULT 8
US-09-463-091-3
; Sequence 3, Application US/09463091
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; UNIVERSITY: SYDNEY
; TITLE OF INVENTION: TROPOLASTIN DERIVATIVES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GRIFFITH HACK
; STREET: 168 WALKER STREET
; CITY: NORTH SYDNEY
; STATE: NEW SOUTH WALES
; COUNTRY: AUSTRALIA
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;
; ZIP: 2060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,091
; FILING DATE: 31-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P08117
; FILING DATE: 18-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GUMLEY, THOMAS P
; REFERENCE/DOCKET NUMBER: 04828ZK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 61 2 9957 5944
; TELEFAX: 61 2 9957 6288
; TELEX: 26547
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 698 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-463-091-3

Query Match 100.0%; Score 217; DB 18; Length 698;
Best Local Similarity 100.0%; Pred. No. 2.2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 492

RESULT 9
US-09-743-818-5
; Sequence 5, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 698
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-5

Query Match 100.0%; Score 217; DB 21; Length 698;
Best Local Similarity 100.0%; Pred. No. 2.2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 492

RESULT 10
US-09-554-996-3
; Sequence 3, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; ADDRESS: Keating, Mark T.
; CITY: Li, Dean Y.
; STATE: ELASTIN-BASED COMPOSITIONS
```

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; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-554-996-3

Query Match      100.0%; Score 217; DB 19; Length 712;
Best Local Similarity 100.0%; Pred. No. 2.3e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 483 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 524

RESULT 11
US-09-554-996-8
; Sequence 8, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human elastin-c-myc fusion
US-09-554-996-8

Query Match      100.0%; Score 217; DB 19; Length 730;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 492 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 533

RESULT 12
US-09-961-403-8
; Sequence 8, Application US/09961403
; GENERAL INFORMATION:
; APPLICANT: HE-STUMPP, HOLGER
; APPLICANT: HAENDLER, BERNARD
; APPLICANT: KRAETZSCHMAR, JOERN
; APPLICANT: KREFT, BERTHOLT
; APPLICANT: WINTERHAGER, ELKE
; APPLICANT: REGIDOR, PEDRO
; APPLICANT: SCOTTI, SIMONE
; TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
; FILE REFERENCE: SCH-1789
; CURRENT APPLICATION NUMBER: US/09/961,403
; CURRENT FILING DATE: 2001-09-25

; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-554-996-3

Query Match      100.0%; Score 217; DB 19; Length 712;
Best Local Similarity 100.0%; Pred. No. 2.3e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 483 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 524

RESULT 11
US-09-554-996-8
; Sequence 8, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human elastin-c-myc fusion
US-09-554-996-8

Query Match      100.0%; Score 217; DB 19; Length 730;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 492 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 533

RESULT 12
US-09-961-403-8
; Sequence 8, Application US/09961403
; GENERAL INFORMATION:
; APPLICANT: HE-STUMPP, HOLGER
; APPLICANT: HAENDLER, BERNARD
; APPLICANT: KRAETZSCHMAR, JOERN
; APPLICANT: KREFT, BERTHOLT
; APPLICANT: WINTERHAGER, ELKE
; APPLICANT: REGIDOR, PEDRO
; APPLICANT: SCOTTI, SIMONE
; TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
; FILE REFERENCE: SCH-1789
; CURRENT APPLICATION NUMBER: US/09/961,403
; CURRENT FILING DATE: 2001-09-25

; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-961-403-8

Query Match      100.0%; Score 217; DB 23; Length 730;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 483 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 524

RESULT 13
US-09-340-736-1
; Sequence 1, Application US/09340736
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736
; CURRENT FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 08/911,364
; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-340-736-1

Query Match      100.0%; Score 217; DB 17; Length: 731;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 492

RESULT 14
US-09-743-818-4
; Sequence 4, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-4

Query Match      100.0%; Score 217; DB 21; Length 731;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:48 ; Search time 1.27105 Seconds
(without alignments)
666.770 Million cell updates/sec

Title: US-09-554-996-2

Perfect score: 217

Sequence: 1 VGVAPGVGVAPGVGVAPGVG.....PGGVAPGVGVAPGVGVAPG 42

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	214	98.6	148	10	US-09-837-969A-14
2	214	98.6	148	10	US-09-841-321A-14
3	214	98.6	745	10	US-09-837-969A-38
4	214	98.6	745	10	US-09-841-321A-38
5	113	52.1	111	10	US-09-837-969A-13
6	113	52.1	111	10	US-09-837-969A-58
7	113	52.1	111	10	US-09-841-321A-13
8	113	52.1	111	10	US-09-841-321A-58
9	113	52.1	782	10	US-09-837-969A-37
10	113	52.1	782	10	US-09-841-321A-37
11	113	52.1	2003	10	US-09-837-969A-34
12	113	52.1	2003	10	US-09-841-321A-34
13	112.5	51.8	50	10	US-09-837-969A-29
14	112.5	51.8	50	10	US-09-841-321A-29
15	112.5	51.8	100	10	US-09-812-382-7
16	112.5	51.8	106	10	US-09-837-969A-53
17	112.5	51.8	106	10	US-09-841-321A-53
18	112.5	51.8	605	10	US-09-837-969A-40
19	112.5	51.8	605	10	US-09-841-321A-40

20	112.5	51.8	1255	10	US-09-837-969A-18	Sequence 18, Appl
21	112.5	51.8	1255	10	US-09-841-321A-18	Sequence 18, Appl
22	111	51.2	1085	10	US-09-837-969A-35	Sequence 35, Appl
23	111	51.2	1085	10	US-09-837-969A-39	Sequence 39, Appl
24	111	51.2	1085	10	US-09-841-321A-35	Sequence 35, Appl
25	111	51.2	1085	10	US-09-841-321A-39	Sequence 39, Appl
26	109.5	50.5	111	10	US-09-837-969A-60	Sequence 60, Appl
27	109.5	50.5	111	10	US-09-841-321A-60	Sequence 60, Appl
28	109	50.2	111	10	US-09-837-969A-57	Sequence 57, Appl
29	109	50.2	111	10	US-09-841-321A-57	Sequence 57, Appl
30	108	49.8	450	10	US-09-812-382-6	Sequence 6, Appl
31	107.5	49.5	45	10	US-09-888-260-43	Sequence 43, Appl
32	107.5	49.5	45	10	US-09-888-260-44	Sequence 44, Appl
33	107.5	49.5	50	10	US-09-837-969A-56	Sequence 56, Appl
34	107.5	49.5	50	10	US-09-841-321A-56	Sequence 56, Appl
35	107.5	49.5	60	10	US-09-888-260-41	Sequence 41, Appl
36	107.5	49.5	60	10	US-09-888-260-42	Sequence 42, Appl
37	107.5	49.5	110	10	US-09-888-260-39	Sequence 39, Appl
38	107.5	49.5	110	10	US-09-888-260-40	Sequence 40, Appl
39	107.5	49.5	1300	10	US-09-837-969A-55	Sequence 55, Appl
40	107.5	49.5	1300	10	US-09-841-321A-55	Sequence 55, Appl
41	106	48.8	45	10	US-09-837-969A-59	Sequence 59, Appl
42	106	48.8	45	10	US-09-841-321A-59	Sequence 59, Appl
43	106	48.8	635	10	US-09-837-969A-25	Sequence 25, Appl
44	106	48.8	635	10	US-09-837-969A-36	Sequence 36, Appl
45	106	48.8	635	10	US-09-841-321A-25	Sequence 25, Appl

ALIGNMENTS

RESULT 1

US-09-837-969A-14

; Sequence 14, Application US/09837969A

; Patent No. US20020038150A1

; GENERAL INFORMATION:

; APPLICANT: Urry, Dan

; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

; FILE REFERENCE: BERL-020/03US

; CURRENT APPLICATION NUMBER: US/09/837,969A

; CURRENT FILING DATE: 2001-06-19

; PRIOR APPLICATION NUMBER: US 09/258,723

; PRIOR FILING DATE: 1999-02-26

; PRIOR APPLICATION NUMBER: US 60/087155

; PRIOR FILING DATE: 1998-05-29

; PRIOR APPLICATION NUMBER: US 60/076297

; PRIOR FILING DATE: 1998-02-27

; NUMBER OF SEQ ID NOS: 65

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 14

; LENGTH: 148

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: PEPTIDE

; LOCATION: (1)..(148)

; OTHER INFORMATION: Synthetic

US-09-837-969A-14

Query Match 98.6%; Score 214; DB 10; Length 148;
Best Local Similarity 97.6%; Pred. No. 1.7e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42

Db 58 VGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 99

RESULT 2

US-09-841-321A-14

; Sequence 14, Application US/09841321A

; Patent No. US20020116069A1

; GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
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US-09-841-321A-14
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Best Local Similarity 97.6%; Pred. No. 1.7e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
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Db 58 VGVAPGVGVPAGVAPGVGVPAGVAPGVGVPAGVAPGV 99
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 3

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US-09-837-969A-38
; Sequence 38, Application US/09837969A
; Patent No. US20020038150A1
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GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
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US-09-837-969A-38
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Query Match          98.6%; Score 214; DB 10; Length 745;
Best Local Similarity 97.6%; Pred. No. 7.9e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
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Db 644 VGVAPGVGVPAGVAPGVGVPAGVAPGVGVPAGVAPGV 685
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 4

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US-09-841-321A-38
; Sequence 38, Application US/09841321A
; Patent No. US20020116069A1
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; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
;
US-09-841-321A-38
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Query Match          98.6%; Score 214; DB 10; Length 745;
Best Local Similarity 97.6%; Pred. No. 7.9e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
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Db 644 VGVAPGVGVPAGVAPGVGVPAGVAPGVGVPAGVAPGV 685
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 5

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US-09-837-969A-13
; Sequence 13, Application US/09837969A
; Patent No. US20020038150A1
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GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
;
US-09-837-969A-13
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Query Match          52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;
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Qy 2 GVPAGVAPGVAPGVGLAPGVGVPAGVAPGVGVPAGVAPG 42
| | | | | | | | | | | | | | | | | | | | | |
Db 58 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 92
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 6

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US-09-837-969A-58
; Sequence 58, Application US/09837969A
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; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 58
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
US-09-837-969A-58
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Query Match 52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVGVAPGVLAPGVGVAPGVGVAPG 42
| :||||| ||||| ||||| ||||| ||||| ||||| ||
Db 58 GDSPEGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 92
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RESULT 7

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US-09-841-321A-13
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; Sequence 13, Application US/09841321A
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; Patent No. US20020116069A1
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; GENERAL INFORMATION:
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; APPLICANT: Urry, Dan
```

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; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
```

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; FILE REFERENCE: BERL-020/04US
```

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; CURRENT APPLICATION NUMBER: US/09/841,321A
```

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; CURRENT FILING DATE: 2001-04-30
```

```
; PRIOR APPLICATION NUMBER: US 09/258,723
```

```
; PRIOR FILING DATE: 1999-02-26
```

```
; PRIOR APPLICATION NUMBER: US 60/087155
```

```
; PRIOR FILING DATE: 1998-05-29
```

```
; PRIOR APPLICATION NUMBER: US 60/076297
```

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; PRIOR FILING DATE: 1998-02-27
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; NUMBER OF SEQ ID NOS: 65
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; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 13
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; LENGTH: 111
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; TYPE: PRT
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; ORGANISM: Artificial Sequence
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; FEATURE:
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; NAME/KEY: PEPTIDE
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; LOCATION: (1)..(111)
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; OTHER INFORMATION: Synthetic
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```
US-09-841-321A-13
```

```
Query Match 52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVGVAPGVLAPGVGVAPGVGVAPG 42
| :||||| ||||| ||||| ||||| ||||| ||||| ||
Db 58 GDSPEGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 92
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RESULT 8

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US-09-841-321A-58
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; Sequence 58, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 58
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
US-09-841-321A-58
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Query Match 52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVGVAPGVLAPGVGVAPGVGVAPG 42
| :||||| ||||| ||||| ||||| ||||| ||||| ||
Db 58 GDSPEGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 92
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RESULT 9

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US-09-837-969A-37
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; Sequence 37, Application US/09837969A
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```
; Patent No. US20020038150A1
```

```
; GENERAL INFORMATION:
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; APPLICANT: Urry, Dan
```

```
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
```

```
; FILE REFERENCE: BERL-020/03US
```

```
; CURRENT APPLICATION NUMBER: US/09/837,969A
```

```
; CURRENT FILING DATE: 2001-06-19
```

```
; PRIOR APPLICATION NUMBER: US 09/258,723
```

```
; PRIOR FILING DATE: 1999-02-26
```

```
; PRIOR APPLICATION NUMBER: US 60/087155
```

```
; PRIOR FILING DATE: 1998-05-29
```

```
; PRIOR APPLICATION NUMBER: US 60/076297
```

```
; PRIOR FILING DATE: 1998-02-27
```

```
; NUMBER OF SEQ ID NOS: 65
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; SOFTWARE: PatentIn version 3.0
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```
; SEQ ID NO 37
```

```
; LENGTH: 782
```

```
; TYPE: PRT
```

```
; ORGANISM: Artificial Sequence
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; FEATURE:
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```
; NAME/KEY: PEPTIDE
```

```
; LOCATION: (1)..(782)
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; OTHER INFORMATION: Synthetic
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US-09-837-969A-37
```

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Query Match 52.1%; Score 113; DB 10; Length 782;
Best Local Similarity 78.0%; Pred. No. 3.3e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVGVAPGVLAPGVGVAPGVGVAPG 42
| :||||| ||||| ||||| ||||| ||||| ||||| ||
Db 724 GDSPEGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 758
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RESULT 10

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US-09-841-321A-37
; Sequence 37, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US 09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 782
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(782)
; OTHER INFORMATION: Synthetic
; US-09-841-321A-37

Query Match      52.1%; Score 113; DB 10; Length 782;
Best Local Similarity 78.0%; Pred. No. 3.3e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVAPGVGVLAPGVGVAPGVGVAPGVGVAPG 42
Db 724 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 758

RESULT 11
US-09-837-969A-34
; Sequence 34, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US 09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 34
; LENGTH: 2003
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
; US-09-837-969A-34

Query Match      52.1%; Score 113; DB 10; Length 2003;
Best Local Similarity 78.0%; Pred. No. 8.1e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVAPGVGVLAPGVGVAPGVGVAPGVGVAPG 42
Db 1945 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 1979

RESULT 12
US-09-841-321A-34
; Sequence 34, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US 09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 34
; LENGTH: 2003
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
; US-09-841-321A-34

Query Match      52.1%; Score 113; DB 10; Length 2003;
Best Local Similarity 78.0%; Pred. No. 8.1e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVAPGVGVLAPGVGVAPGVGVAPGVGVAPG 42
Db 1945 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 1979

RESULT 13
US-09-837-969A-29
; Sequence 29, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US 09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(50)
; OTHER INFORMATION: Synthetic
; US-09-837-969A-29

Query Match      51.8%; Score 112.5; DB 10; Length 50;
Best Local Similarity 81.0%; Pred. No. 2.6e-06;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 42
Db 2 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 36
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US-09-841-321A-37
; Sequence 37, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US 09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 782
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(782)
; OTHER INFORMATION: Synthetic
; US-09-841-321A-37

Query Match      52.1%; Score 113; DB 10; Length 782;
Best Local Similarity 78.0%; Pred. No. 3.3e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVAPGVGVLAPGVGVAPGVGVAPGVGVAPG 42
Db 724 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 758

RESULT 11
US-09-837-969A-34
; Sequence 34, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US 09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 34
; LENGTH: 2003
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
; US-09-837-969A-34

Query Match      52.1%; Score 113; DB 10; Length 2003;
Best Local Similarity 78.0%; Pred. No. 8.1e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy 2 GVAPGVGVAPGVGVLAPGVGVAPGVGVAPGVGVAPG 42
Db 1945 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 1979
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GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: February 3, 2003, 09:36:33 ; Search time 1.93421 Seconds
(without alignments)
638.898 Million cell updates/sec

Title: US-09-554-996-2

Perfect score: 217

Sequence: 1 VGVAPGVGVAPGVGVGVG.....PGVGVAPGVGVAPGVGVAPG 42

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Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

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- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PTCUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	217	100.0	731	2	US-08-911-364-1
2	217	100.0	733	4	US-08-464-700-2
3	217	100.0	792	2	US-08-678-039A-40
4	211	97.2	201	2	US-08-911-364-2
5	186	85.7	1169	4	US-08-806-029-33
6	129	59.4	27	6	5250516-15
7	123	56.7	65	2	US-08-435-641-9
8	123	56.7	65	3	US-08-642-246-9
9	123	56.7	65	4	US-09-451-206-9
10	123	56.7	65	5	PCT-US96-06229-9
11	113	52.1	832	1	US-08-212-237-4
12	113	52.1	832	4	US-08-806-029-27
13	113	52.1	832	5	PCT-US95-02772-4
14	113	52.1	936	1	US-08-212-237-3
15	113	52.1	936	5	US-08-806-029-26
16	113	52.1	936	5	PCT-US95-02772-3
17	113	52.1	972	1	US-08-212-237-7
18	113	52.1	972	4	US-08-806-029-30
19	113	52.1	972	5	PCT-US95-02772-7
20	113	52.1	988	1	US-08-212-237-5
21	113	52.1	988	4	US-08-806-029-28
22	113	52.1	988	5	PCT-US95-02772-5
23	113	52.1	1024	1	US-08-212-237-8
24	113	52.1	1024	4	US-08-806-029-31
25	113	52.1	1024	5	PCT-US95-02772-8
26	113	52.1	1040	1	US-08-806-029-32
27	113	52.1	1056	1	US-08-212-237-6

28	113	52.1	1056	4	US-08-806-029-29	Sequence 29, Appl
29	113	52.1	1056	5	PCT-US95-02772-6	Sequence 6, Appl
30	112.5	51.8	40	1	US-08-477-509B-43	Sequence 43, Appl
31	112.5	51.8	40	2	US-08-707-737A-15	Sequence 15, Appl
32	112.5	51.8	40	4	US-09-444-791A-43	Sequence 43, Appl
33	112.5	51.8	50	2	US-08-735-692-26	Sequence 26, Appl
34	112.5	51.8	50	3	US-08-542-051-43	Sequence 43, Appl
35	112.5	51.8	64	1	US-08-397-633A-60	Sequence 60, Appl
36	112.5	51.8	64	2	US-08-707-237A-90	Sequence 90, Appl
37	112.5	51.8	64	4	US-08-806-029-18	Sequence 18, Appl
38	112.5	51.8	100	2	US-08-735-692-31	Sequence 21, Appl
39	112.5	51.8	100	2	US-08-735-692-31	Sequence 31, Appl
40	112.5	51.8	100	3	US-08-542-051-30	Sequence 30, Appl
41	112.5	51.8	128	4	US-08-806-029-13	Sequence 13, Appl
42	112.5	51.8	208	1	US-08-212-237-9	Sequence 9, Appl
43	112.5	51.8	208	5	PCT-US95-02772-9	Sequence 9, Appl
44	112.5	51.8	281	1	US-08-397-633A-75	Sequence 75, Appl
45	112.5	51.8	287	1	US-08-397-633A-76	Sequence 76, Appl

ALIGNMENTS

RESULT 1
US-08-911-364-1
; Sequence 1, Application US/08911364
; Patent No. 5969106
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, Aser
; APPLICANT: KEELY, Fred W.
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,364
; FILING DATE: 07-AUG-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,552
; FILING DATE: 07-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 041082/0104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 731 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-911-364-1

Query Match 100.0%; Score 217; DB 2; Length 731;
Best Local Similarity 100.0%; Pred. NO. 2.1e-17;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
|||||
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 492
|||
RESULT 2
US-08-464-700-2
; Sequence 2, Application US/08464700
; Patent No. 6232458
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; APPLICANT: MARTIN, STEPHEN L
; TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr, PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,700
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PL6520
; FILING DATE: 22-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PL9661
; FILING DATE: 28-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU93/00655
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: GH3C3USA
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 733 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-464-700-2
Query Match 100.0%; Score 217; DB 4; Length 733;
Best Local Similarity 100.0%; Pred. No. 2.1e-17;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
|||||
Db 453 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 494
|||
RESULT 3
US-08-678-039A-40
; Sequence 40, Application US/08678039A
; Patent No. 5858662
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Morris, Colleen A.
; TITLE OF INVENTION: Diagnosis of Williams Syndrome and
; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
; TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene

; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W., Suite 701 East
; STREET: Tower
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/678,039A
; FILING DATE: 10-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 2323-120A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-624-1589
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-678-039A-40
Query Match 100.0%; Score 217; DB 2; Length 792;
Best Local Similarity 100.0%; Pred. No. 2.3e-17;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
|||||
Db 512 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 553
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RESULT 4
US-08-911-364-2
; Sequence 2, Application US/08911364
; Patent No. 5969106
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, Aser
; APPLICANT: KEELY, Fred W.
; APPLICANT: ROTHSTEIN, Steven J.
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,364
; FILING DATE: 07-AUG-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,552
; FILING DATE: 07-AUG-1996
; ATTORNEY/AGENT INFORMATION:


```

, NAME: Bent, Stephen A.
,
, REGISTRATION NUMBER: 29,768
, REFERENCE/DOCKET NUMBER: 041082/0104
,
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (202) 672-5300
, TELEFAX: (202) 672-5399
, INFORMATION FOR SEQ ID NO: 2:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 201 amino acids
, TYPE: amino acid
, STRANDEDNESS:
, TOPOLOGY: linear
, MOLECULE TYPE: peptide
US-08-911,364-2

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Query Match      97.2%; Score 211; DB 2; Length 201;
Best Local Similarity 100.0%; Pred. No. 2.6e-17;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  VGVAPGVGAPGVGAPGVGLPGGVGAPGVGAPGVGVAP  41
Db      157 VGVAPGVGAPGVGAPGVGLPGGVGAPGVGAPGVGVAP  197

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QY 1 VGVAPGVGAPGVGAPGVGLAPGVGAPGVGAPGVGAPGVGAPG 42
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DB 1123 VGVPGVGVGPGVGVGPGVGVGPGVGVGPGVGVGPGVGVGPG 1164

RESULT 6
5250516-15
; Patent No. 5250516
; APPLICANT: URRY, DAN W.
; TITLE OF INVENTION: BIOLASTOMERIC MATERIALS SUITABLE FOR
; THE PROTECTION OF BURN AREAS OR THE PROTECTION OF WOUND
; REPAIR SITES FROM THE OCCURANCE OF ADHESIONS
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/184,407
; FILING DATE: 21-APR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 900,895
; FILING DATE: 27-AUG-1986
; APPLICATION NUMBER: 853,212
; FILING DATE: 17-APR-1986
; SEQ ID NO:15:
; LENGTH: 27
5250516-15

Query Match 59.4%; Score 129; DB 6; Length 2
Best Local Similarity 96.2%; Pred. No. 5.7e-09;
Matches 25; Conservative 1; Mismatches 0; Indels

QY 3 VAPGVGAPGVGAPGVGLAPGVGA 28
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DB 2 VAPGVGAPGVGAPGVGAPGVGA 27

RESULT 7
US-08-435-641-9
; Sequence 9, Application US/08435641
; Patent No. 5817303
; GENERAL INFORMATION:
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; TITLE OF INVENTION: Crosslinking
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,641
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-61127
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

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US-08-435-641-9

Query Match 56.7%; Score 123; DB 2; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAGVGLAPGVGVPAGVGVPGVGVAPG 42
Db 12 VGV-PGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 47

RESULT 8

US-08-642-246-9
; Sequence 9, Application US/08642246
; Patent No. 6033654
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; TITLE OF INVENTION: Crosslinking
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/642,246
; FILING DATE:
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-642-246-9

Query Match 56.7%; Score 123; DB 3; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAGVGLAPGVGVPAGVGVPGVGVAPG 42
Db 12 VGV-PGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 47

RESULT 9

US-09-451-206-9
; Sequence 9, Application US/09451206
; Patent No. 6423333
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; TITLE OF INVENTION: Crosslinking
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:

ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/451,206
; FILING DATE: 29-No. 6423333-1999
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/642,246
; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015

REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-09-451-206-9

Query Match 56.7%; Score 123; DB 4; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAGVGLAPGVGVPAGVGVPGVGVAPG 42
Db 12 VGV-PGVGVPGVGV-PGVGV-PGVGV-PGVGV-PG 47

RESULT 10

PCT-US96-06229-9
; Sequence 9, Application PC/TUS9606229
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; TITLE OF INVENTION: Crosslinking
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06229
; FILING DATE:
; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR

Qy 2 GVAPGVGVPGVGVPGVGLAPGVGVPGVGVPGVGPVPG 42
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Db 767 GSPGVGV- PGGV- PGGV- PGGV- PGGV- PGGV- PG 801

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; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
;   NAME: Rowland, Bertram I
;   REGISTRATION NUMBER: 20,015
;   REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 415-781-1989
;     TELEFAX: 415-398-3249
;   INFORMATION FOR SEQ ID NO: 4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 832 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
;   PCT-US95-02772-4
;
; Query Match 52.1%; Score 113; DB 5; Length 832;
; Best Local Similarity 78.0%; Pred. No. 1.3e-05;
; Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;
;
; Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVAPG 42
; Db 767 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 801
;
; RESULT 14
; US-08-212-237-3
; Sequence 3, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
;   APPLICANT: Cappello, Joseph
;   TITLE OF INVENTION: Synthetic Proteins As Implantables
;   NUMBER OF SEQUENCES: 9
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
;     STREET: Four Embarcadero Center, Suite 3400
;     CITY: San Francisco
;     STATE: CA
;     COUNTRY: U.S.A.
;     ZIP: 94111-4187
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: Patent In Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/212,237
;     FILING DATE: 11-MAR-1994
;     CLASSIFICATION: 435
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Rowland, Bertram I
;     REGISTRATION NUMBER: 20,015
;     REFERENCE/DOCKET NUMBER: A-58847/BIR
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 415-781-1989
;     TELEFAX: 415-398-3249
;   INFORMATION FOR SEQ ID NO: 3:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 936 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
;   US-08-212-237-3
;
; Query Match 52.1%; Score 113; DB 1; Length 936;
; Best Local Similarity 78.0%; Pred. No. 1.4e-05;
; Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;
;
; Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVAPG 42
; Db 883 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 917
;
; Search completed: February 3, 2003, 09:38:44
; Job time : 2.93421 secs

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; RESULT 15
; US-08-806-029-26
; Sequence 26, Application US/08806029
; Patent No. 6380154
; GENERAL INFORMATION:
;   APPLICANT: Cappello, Joseph
;   APPLICANT: Stedronsky, Erwin R.
;   TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
;   TITLE OF INVENTION: Delivery and Tissue Augmentation
;   NUMBER OF SEQUENCES: 36
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
;     STREET: Four Embarcadero Center, Suite 3400
;     CITY: San Francisco
;     STATE: California
;     COUNTRY: United States
;     ZIP: 94111
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: Patent In Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/806,029
;     FILING DATE: 24-FEB-1997
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: US 08/212,237
;     FILING DATE: 11-MAR-1994
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Trecartin, Richard F.
;     REGISTRATION NUMBER: 31,801
;     REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (415) 781-1989
;     TELEFAX: (415) 398-3249
;   INFORMATION FOR SEQ ID NO: 26:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 936 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: unknown
;       TOPOLOGY: unknown
;     MOLECULE TYPE: protein
;   US-08-806-029-26
;
; Query Match 52.1%; Score 113; DB 4; Length 936;
; Best Local Similarity 78.0%; Pred. No. 1.4e-05;
; Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;
;
; Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVAPG 42
; Db 883 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 917
;
; Search completed: February 3, 2003, 09:38:44
; Job time : 2.93421 secs

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[illegible]

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RESULT 3
PCT-US02-18256-54
; Sequence 54, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UWYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 1536
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-54

```

	Query Match	23.8%;	Score	874.5;	DB 1;	Length	1536;
	Best Local Similarity	29.5%;	Prod No	8e-38;			
	Matches	281;	Conservative	292;	Mismatches	109;	Gaps
Qy	27	GGVPGALPGGVPG-----GVFPYAGLGNLG--GGALPGGKPLKVPVCGLAGACAGLCAG	78				
Dz	39	GGVGGA--GGVGGAGVGVGVG---GVGVGVGVGGAGGVGG-----AGGVGAGGVGVG	87				


```
RESULT 7
PCT-US02-18256-51
; Sequence 51, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UWYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 51
; LENGTH: 3420
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-51

Query Match      19.5%; Score 717.5; DB 1; Length 3420;
Best Local Similarity 37.4%; Pred. No. 2.8e-29;
Matches 270; Conservative 20; Mismatches 330; Indels 101; Gaps 43;

Qy 24 SRPGGV--PGAI PGV--PGGVY PGAGLGGGALGPGGK-PLKVPVPGLAGLGLAGL 79
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 65 SGPGYGGGAGPGSGPGGYPGPGSGPGYGPAGPGSGPGYGPAGPGSGPGYGPAG- 123
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 80 GAFFAVTFPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPQ-PCAGVKP 138
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 124 GAGPGSGPGGYGPG--SGPGYGPAGGAG-GAGGAGGAGGAG-GAGPYGSPGSGSGPG 179
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 139 GKVPQVGLPGVY-PCGVLPGARFPQVGVLPVPTGAGVKPAPGVGGAFAPIGVGPPGG 197
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 180 GYGGSGPGGYGPGGAGPGGSGPG--GYGPGSGPGGYGPGGAGPGGSGPG--GYGP-GG 235
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 198 PQGPVPLGYPIKAP-----KLPGYGLPYTTGKLPGYGPAGVA-GAAGKAGY-PTGT 248
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 236 SGPG--GY--GPGAGPGSGSGPGY---PGSGPGGYGPGGAGPGSGPGGYGPGGS 286
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 249 GVGPGAAAAAATAKAFKAGAAAGLPGVGGAGVPGVPAIPGICGAGVGTTPAAAAAAA 308
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 287 GPG-----GYGPGGAG--PGSGPGGYGPGSGSGPGGYGPGGAGGAGGAGGAG 331
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 309 AAATAAKYGAA-----AGLVPGP---GFGPGVVGPGAGVPGVPGAGIPVPGAG 358
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 332 GAGAGPYGSPGSGSGPGGYGPGSGPGGYGPGGAGPGSGSGPGGYGPGSGG----PGY 387
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 359 IPGAAPGVWSPPEAAAAAATAKAY---GARP-GVGVGGIPTYGVGAGGPGFGVGVGGI 414
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 388 GPGAGPGSGSGPGGYGPGSGPGGYGPGGAGPGSGSGPGGYGPGGAGPGGS 447
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 415 -PGVAGVPGVG-GVPGVGVPGVGI SPFAQAAAAAATAKAYGV---GTPAAAAAATAKA 468
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 448 GPGYGVPGSGSGPGGYGPGGAGPGSGSGPGGYGPGSGSGPGGYGPGGAGGAGGAGGAG 507
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 469 AQFALLNLVLVPGVAVP-----VGVAPGVVAPGVGLAFPGVGVVAPGVGVVAP- 523
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 508 GPYGPGSGSGSGPG-GYGPFGSGSGPGYGP-GAGPG-GSGPG-GYGP-G-GSGPG-GYGP 561
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 524 GIGPGVAAAAAATAKAYAAQLRAAAGLHAGIPLGVGVGVVPLG-----VGAVPLGV 579
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 562 GAGPGSGSGPGGYGPGSGPGGYGPGGAGPGSGSGPG-GYGPFGSGSGPGGYGPGGAGPGSGSGP 620
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 580 GAGVPGFAGVPAALAAAAAATAKAYGAAPVGLGLGALGGVGPVGGVAGPAAAAAATAKA 639
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 621 GGYGPG-GSGPGGYGPGGAGPGSGSGPGGYGPGSGSGPGYGP-PGAGGAGGAGGAGGAG 678
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 640 AKAQFGLVGAAGLGLGVGLVPGVGGGLGIPPAATAAATAKAYGVAARPFGLSIPFG 699
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
```

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Db 679 -----GPGYPSGPGSGPGGYG-PGSGPGGYGPGGAGP-----GGSPGPGYGGSGPG 727
Qy 700 G 700
Db 728 G 728

RESULT 8
US-10-342-331-4
; Sequence 4, Application US/10342331
; GENERAL INFORMATION:
; APPLICANT: VAN HEERDE, GEORGE V.
; APPLICANT: VAN RIJN, ALEXIS C.
; APPLICANT: BOUWSTRA, JAN B.
; APPLICANT: DE WOLF, FREDERIK A.
; APPLICANT: MOOBROEK, ANDREAS
; APPLICANT: WERTEN, MARC W.T.
; APPLICANT: WIND, RICHELIE D.
; APPLICANT: VAN DEN BOSCH, TANJA J.
; TITLE OF INVENTION: SILVER HALIDE EMULSIONS WITH RECOMBINANT COLLAGEN
; TITLE OF INVENTION: SUITABLE FOR PHOTOGRAPHIC APPLICATION AND ALSO THE
; FILE REFERENCE: 2728-2
; CURRENT APPLICATION NUMBER: US/10/342,331
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US/09/219,849
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 720
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Illustrative
; OTHER INFORMATION: amino acid sequence
US-10-342-331-4

Query Match      17.7%; Score 650; DB 6; Length 720;
Best Local Similarity 36.4%; Pred. No. 1.6e-26;
Matches 264; Conservative 3; Mismatches 342; Indels 116; Gaps 37;

Qy 23 PSRPGGVPG-AIPGPGVPGGVYFPGAGLGGGALGPGGKPLKVPVPGLAGLGLAGLGA 81
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 59 PAGPPGAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAG 118
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 82 PPAVTFP-----GALVPGSV---ADAAAAYKAAKAGAGLGGVPGVGGVGSAGAV 129
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 119 APGAPGPGAGHAGPAGPKGAHAGPAGPKGAHAGPAGPKGAHAGPAGPAGPAGPAG 178
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 130 PQGAGVPGKVPVPGVLPVYVPGVLPGARFPQVGVLPVPTGAGVKPAGVCGAFAGI 189
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 179 P-PGA-----PGAPGPGAGP---PAGP-PGA--PGAPGPGAPGAPG-PGAPGPGAP 227
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 190 PG-VGPPGGPQGVPLGYPIKA--PKLPGYGLPYTTGKL--PYGYGPGVAGAGKAGY 244
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 228 PGAPGPGAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAG- 286
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 245 PTGTGVGPQAAAAAATAKAAKAFGAGAGVLPFGVGGAGVPGVPGAI--PGIGGIAG-VGTP 301
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 287 PKGAH-GPAGPKGAHAGPAGPKGAHAGPAGPAGPAGPAGPAGPAGPAGPAGPAGPAG 345
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 302 AAAAAAATAKAYKAAAGLVPGGPGFGGVGVVPGA-----GVPG-----VGVP-G-A 349
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 346 GPAGPPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAP 402
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 350 GIPVPG-AGIPGAAPV---GVVSPFAAATAKAAKAYGARPGVGVGGIPTYGVGAGGF 404
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 403 GPAGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAPGAP 458
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 405 PGF--GVGVGGIIPGAVGPGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGVGV 462
Db ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
```


Qy 328 GFGCGVGVGCA-GVPG----GVPGAGIPVVG----AGIPGAAGVGVVSPAAAKAAA 378
Db 851 GI-PGPIGQPLGHPGKGDGPPGLDVPGPBGRSGFIPGA--PGPIGPPGSGPLGP 907
Qy 379 KAAKYGARPGVGVGIPITYGVGAGGFFG----FG-VGVGGIPGVAGVGVGVGVGVGV 433
Db 908 KA------GSGFFPCTKGMGMGMPGPPGPIGIPGRSGVFLKGD 948
Qy 434 GVGISPEAQAATAAAYKAYGVGTTPAAAK------AAAKAAQFALLNLGL- 479
Db 949 GLOQPGPLPGPTGKSGKEGELPGPPGMDPNLLGSKGEGELPGIPGVSGPKGYQ 1008
Qy 480 VPGVGAAGVGVAGVGVAGVGLAGVGVAGVGVAGVGVAGV------GVAPGIG 526
Db 1009 LPDPPQGLSGQLPGPPGPKGNPGLPGQPLGIPGLKGTIGDMGFPPGQGVGPPG 1068
Qy 527 PGVAAAATAAAYKAAQAALRAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 585
Db 1069 PSVPGQPGSPCLPGQKD-KGDPGISIGLPLGPKGEGELPGYGNPGLKGSVGD 1127
Qy 586 FGAVPGALAAAYKAAAYGAAVGVVLGGALGVGI------PGVVGAGPAAAA 633
Db 1128 LPGLPG----TPGAKGQPLPGFPPTGPPGPKGISGPPGNPGLPGBPGVGGGHPGP 1183
Qy 634 AAATAAATAAAYKAAAYGAAVGVVLGGALGVGI------GGLGIP--PAAA 678
Db 1184 GPPGKGPQDGIPTGAGQKGPFGNPPGPPGLPGLSQKGDGGLPGLPGLPG 1243
Qy 679 KAAKYGVAARPFGLSPIFFG 699
Db 1244 PKGEPFGHGFVGVQPPGPPG 1264

RESULT 11

US-09-724-676A-75580
; Sequence 75580, Application US/09724676A
; GENERAL INFORMATION:

; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75580
; LENGTH: 1636
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-75580

Query Match 15.9%; Score 583.5; DB 5; Length 1636;
Best Local Similarity 30.3%; Pred. No. 1.1e-22;
Matches 243; Conservative 50; Mismatches 281; Indels 227; Gaps 43;

Qy 3 GLTAAAPRGVLLLSILHPSRPG--GVPGAIPG--GVPGVFPYAGLGGALGALGP 58
Db 587 GSPGAPGLPGL-----PCTPGQDGLPG-LPGPKGEPGGITFK-----GERGP 627
Qy 59 GSKP-LKPVPGLAGAGLGAAGFAVTPFGALVPGGVADAAYKAAKAGAGLGGVPG 117
Db 628 PGNPGLPGLPGLNIGPMG-----P-----PFGPPGPPVGE-----KGIQGVAGNPGQPG 670
Qy 118 VGLGVSAAGVVPVPGAGVVKPVFG------VGLPGVYPGGVLPGARFPVGVVLPVGP 170
Db 671 IPGPKGDPGQITITQFG---KPG-LFGNPGRDGDVGLPG-DFG--LPQG--PG--LPGLP 718
Qy 171 TGAGVVKAPGVG-----GAFAGIPG-----VGPPGGPQPGVPLPGVP 207
Db 719 GSKG-EPGIPGILPGPPGPKGFPPIPPGAPGTPGRIGLEPPGPPGPPGPPGPPGPPG 777
Qy 208 IKAPKLPGYGLPYTTTKLPGYGVGGVAGAKAGYPTGTGVGQAATAAATAAAYKAAAF 267
Db 778 LPGP--PGPPGLPGPKGAL-----GPKDGRGFPFGPPGPPGRTGLD----- 815

Qy 268 AGAAGVLPVGVGAGVGVGVGAIPGIGGIAGVGTTPAAATAAATAAATAAAYKAAAGLVP 327
Db 816 -GLPFPKGDVGNPQPG--PMGPPGLPGI-GVQGP------PGPP 850
Qy 328 GFGGVVGVGCA-GVPG----GVPGAGIPVVG----AGIPGAAGVGVVSPAAAKAAA 378
Db 851 GI-PGPIGQPLGHPGKGDGPPGLDVPGPBGRSGFIPGA--PGPIGPPGSGPLGP 907
Qy 379 KAAKYGARPGVGVGIPITYGVGAGGFFG----FG-VGVGGIPGVAGVGVGVGVGVGV 433
Db 908 KA------GSGFFPCTKGMGMGMPGPPGPIGIPGRSGVFLKGD 948
Qy 434 GVGISPEAQAATAAAYKAYGVGTTPAAAK------AAAKAAQFALLNLGL- 479
Db 949 GLOQPGPLPGPTGKSGKEGELPGPPGMDPNLLGSKGEGELPGIPGVSGPKGYQ 1008
Qy 480 VPGVGAAGVGVAGVGVAGVGLAGVGVAGVGVAGVGVAGV------GVAPGIG 526
Db 1009 LPDPPQGLSGQLPGPPGPKGNPGLPGQPLGIPGLKGTIGDMGFPPGQGVGPPG 1068
Qy 527 PGVAAAATAAAYKAAQAALRAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 585
Db 1069 PSVPGQPGSPCLPGQKD-KGDPGISIGLPLGPKGEGELPGYGNPGLKGSVGD 1127
Qy 586 FGAVPGALAAAYKAAAYGAAVGVVLGGALGVGI------PGVVGAGPAAAA 633
Db 1128 LPGLPG----TPGAKGQPLPGFPPTGPPGPKGISGPPGNPGLPGBPGVGGGHPGP 1183
Qy 634 AAATAAATAAAYKAAAYGAAVGVVLGGALGVGI------GGLGIP--PAAA 678
Db 1184 GPPGKGPQDGIPTGAGQKGPFGNPPGPPGLPGLSQKGDGGLPGLPGLPG 1243
Qy 679 KAAKYGVAARPFGLSPIFFG 699
Db 1244 PKGEPFGHGFVGVQPPGPPG 1264

RESULT 12

US-60-423-552-139
; Sequence 139, Application US/60423552
; GENERAL INFORMATION:

; APPLICANT: American Home Product Inc.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING MAJOR DEPRESS
; FILE REFERENCE: AM101250L
; CURRENT APPLICATION NUMBER: US/60/423,552
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 1604
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-423-552-139

Query Match 15.7%; Score 578.5; DB 7; Length 1604;
Best Local Similarity 30.1%; Pred. No. 2e-22;
Matches 240; Conservative 52; Mismatches 286; Indels 219; Gaps 42;

Qy 3 GLTAAAPRGVLLLSILHPSRPG--GVPGAIPG--GVPGVFPYAGLGGALGALGP 58
Db 483 GSPGAPGLPGL-----PCTPGQDGLPG-LPGPKGEPGGITFK-----GERGP 523
Qy 59 GSKP-LKPVPGLAGAGLGAAGFAVTPFGALVPGGVADAAYKAAKAGAGLGGVPG 117
Db 524 PGNPGLPGLPGLNIGPMG-----P-----PGLAQGPVGE-----KGIQGVAGNPGQPG 566
Qy 118 VGLGVSAAGVVPVPG--AGVK--PGKVPVGLPGVYPGVLPGARFPVGVVLPVPTGAG 174
Db 567 IPGPKGDPGQITITQFG--DPG--LPGQ--PG--LPGIPGSKG 618
Qy 175 VKKAPGVG-----GAFAGIPG-----VGPPGGPQPGVPLGYPKAP 211

```
Db 619 -EPGIPGIGLPGPGPKGPGPGIPGPGAGPTGPRIGLEGGPPGPGPKGPGFALPGP 677
Qy 212 KLPQGYGLPYTTGKLPYGVGPGGVAGAGKAGYPTGTGVPQAAAAAATAAAGAGAGAA 271
Db 678 --PGPPGLPGFKGAL----GPKGDRGFPGPPPPPGRTGLD-----GLP 714
Qy 272 GVLPGVGGAGVPGVPCATPGIGIAGVGTTPAAAAAATAAATAAAGAGLVPGGPGFGP 331
Db 715 GPKGVDGNGQPG--PMGPPGLPGI--GVQGP-----PGPPGI-P 749
Qy 332 GVVGVPGA-GVPG----VGVPAGIPVVPV----AGIPGAAVPGVVSPEAAAAATAAAG 382
Db 750 GPIQPGGLHGIPGEGKDPGPGDVPGPPGERGSPGIPGA--PGIPGPGSPGLPGKA-- 805
Qy 383 YGARGVGVGGIPTTYGVGAGGPPG----FG-VGVGGIPGVAGVPGVGGVPGVPGVGI 437
Db 806 -----GRSGFPGTGEMGMGPPGPPGPGPLGIPGRSGVPGGLKGGDGLQG 848
Qy 438 SPEAQAAAAAATAAAGVGTTPAAAAA-----AAAKAAQFALLNLGL-----VPGV 483
Db 849 QGGLPGTGEKSGKEGPGPLPGPPGMDPNLLGSGKEGEPGLPGIPGVSGPKGYQGLPGD 908
Qy 484 GVAPGVGAVPGVAVGVLAPGVGAVGVPVAVGVPV-----GVAPGIGPGGV 530
Db 909 PQPGLSGQPLPGPPGPKGNPLGPGQPLGPGTIGDMGPPGPGVPGVPGPGSGV 968
Qy 531 AAAAATAAATAAQAALRAAAGLGA-GIPGLGVGVVPGVLGVGAGVPGVLGVGAGVPGFAGV 589
Db 969 PQPQSPGLPGQKGD-KGDPGIISSIGLPLGPKGEPGLPGVPGNPGIKGSGVDPGLPL 1027
Qy 590 PGALAAAAAATAAAGVAVGVLGGLGALGVGI-----PGGVGAGPAAAAATAA 637
Db 1028 PG-----TPGAKQGPGLPGFPPTGPPGPKGISGPPGNPLGPEPGVGGGHPGPGPG 1083
Qy 638 AAAAQAQFGLVGAAGL-----GGLGVGGLGVPGV-----GGLGGIP--PAAAAATAA 682
Db 1084 EKGKPGQDIPGPAQKGEPGPGGPNPGLPGLSGQKGDGGLPGIPGNPLPGPKGE 1143
Qy 683 YGVAARPGFGLSPIPG 699
Db 1144 PGFHGPPGVQGGPPPG 1160

RESULT 13
US-60-427-579-139
; Sequence 139, Application US/60427579
; GENERAL INFORMATION:
; APPLICANT: American Home Product Inc.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING MAJOR DEPRES
; TITLE OF INVENTION: DISORDER
; FILE REFERENCE: AM101250L
; CURRENT APPLICATION NUMBER: US/60/427,579
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 1604
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-427-579-139
```

```
Query Match 15.7%; Score 578.5; DB 7; Length 1604;
Best Local Similarity 30.1%; Pred. No. 2e-22;
Matches 240; Conservative 52; Mismatches 286; Indels 219; Gaps 42;
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```
Qy 3 GLTAAAPRPGVLLLLLSILHPSRPG--GVPGAIPG--GVPGGVFVPGAGLGGALGP 58
Db 483 GSPGAPGLPGL-----PGTPGQDGLPG-LPGPKGEPGIIIFK-----GERP 523
Qy 59 GSKP-LKVPVGGLAGAGLGAFFAVTTPGALVPGGVADAAAAATAAAGAGAGLVGVP 117
Db 524 PNPPLPGLPGNIGPMG-----P-----PGLALQGPVGE-----KGIQGVAGNPGQPG 566
```

```
Qy 118 VGLGVSAAGVVPQPG-AGVK--PGKVPVGLPGVYVPGVLPGARFPQVGLPGVLPVPTGAG 174
Db 567 IPGPKGDPGQTIITGPKRPGFNGNFRDGDVGLPG-DFG--LPQO--PG--LPPIGSKG 618
Qy 175 VKKAPGVG-----GAFAGIPG-----VGPEGGPQPGVFLGYPIKAP 211
Db 619 -EPGIPGIGLPGPGPKGPGIPGPGAGPTGPRIGLEGGPPGPGFPGPKGEPGFPALPGP 677
Qy 212 KLPQGYGLPYTTGKLPYGVGPGGVAGAGKAGYPTGTGVPQAAAAAATAAAGAGAGAA 271
Db 678 --PGPPGLPGFKGAL----GPKGDRGFPGPPPPPGRTGLD-----GLP 714
Qy 272 GVLPGVGGAGVPGVPCATPGIGIAGVGTTPAAAAAATAAATAAAGAGLVPGGPGFGP 331
Db 715 GPKGVDGNGQPG--PMGPPGLPGI--GVQGP-----PGPPGI-P 749
Qy 332 GVVGVPGA-GVPG----VGVPAGIPVVPV----AGIPGAAVPGVVSPEAAAAATAAAG 382
Db 750 GPIQPGGLHGIPGEGKDPGPGDVPGPPGERGSPGIPGA--PGIPGPGSPGLPGKA-- 805
Qy 383 YGARGVGVGGIPTTYGVGAGGPPG----FG-VGVGGIPGVAGVPGVGGVPGVPGVGI 437
Db 806 -----GRSGFPGTGEMGMGPPGPPGPGPLGIPGRSGVPGGLKGGDGLQG 848
Qy 438 SPEAQAAAAAATAAAGVGTTPAAAAA-----AAAKAAQFALLNLGL-----VPGV 483
Db 849 QGGLPGTGEKSGKEGPGPLPGPPGMDPNLLGSGKEGEPGLPGIPGVSGPKGYQGLPGD 908
Qy 484 GVAPGVGAVPGVAVGVLAPGVGAVGVPVAVGVPV-----GVAPGIGPGGV 530
Db 909 PQPGLSGQPLPGPPGPKGNPLGPGQPLGPGTIGDMGPPGPGVPGVPGPGSGV 968
Qy 531 AAAAATAAATAAQAALRAAAGLGA-GIPGLGVGVVPGVLGVGAGVPGVLGVGAGVPGFAGV 589
Db 969 PQPQSPGLPGQKGD-KGDPGIISSIGLPLGPKGEPGLPGVPGNPGIKGSGVDPGLPL 1027
Qy 590 PGALAAAAAATAAAGVAVGVLGGLGALGVGI-----PGGVGAGPAAAAATAA 637
Db 1028 PG-----TPGAKQGPGLPGFPPTGPPGPKGISGPPGNPLGPEPGVGGGHPGPGPG 1083
Qy 638 AAAAQAQFGLVGAAGL-----GGLGVGGLGVPGV-----GGLGGIP--PAAAAATAA 682
Db 1084 EKGKPGQDIPGPAQKGEPGPGGPNPGLPGLSGQKGDGGLPGIPGNPLPGPKGE 1143
Qy 683 YGVAARPGFGLSPIPG 699
Db 1144 PGFHGPPGVQGGPPPG 1160
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```
RESULT 14
US-09-724-676-74673
; Sequence 74673, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Comugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Comugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74673
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-74673
```

```
Query Match 15.6%; Score 573; DB 5; Length 867;
Best Local Similarity 29.8%; Pred. No. 2e-22;
Matches 239; Conservative 58; Mismatches 252; Indels 252; Gaps 49;
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Qy 1 MAGLTAAPRPGVLLLLLSILHPSRPG--GVPGAII-----PGVPGGVFYPGA----- 46
Db 1 MAGLTAAPRPGVLLLLLSILHPSRPG--GVPGAII-----PGVPGGVFYPGA----- 46
```

Db 154 MPGRAGSPGRDG-----HPGLPGKSPGSLKGERGPPGGVGPGRGDTGPPG 204
Qy 47 --GLGALG-----GGALPGGKPLK--PVPGLAGAGLGLAGLAFPAVT 86
Db 205 PPGYPAGPIGDKQAGPFGGSPGLPCKPKEPKIIVLPFGPPGAELG--PGSPFPGPQ 263
Qy 87 ----PPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLGVSAGAVPQAGVKKP--- 139
Db 264 GDRGFPG--TPGRGLPGEKAGVGGGIGFPGPDPKGVDTGLPDMGP-PTGPRGPPNG 320
Qy 140 -----KVPGVGLPGV--YFGVLPGARFPF-----VGLPGEVPTGAGV--- 175
Db 321 LPGNPGVQKGEPCVGLPGLKLPGL--LPG--IPGTPEKSGISGV-PGVFGEHGAIPP 375
Qy 176 -----KPKAPGVGGAF--GIPGVFPFGPQPGVPLGYPIKAPKLPGGVGLPYTTOKL 226
Db 376 GLOGIRGEPGPGPLPGSVGSPVPGIGPPGARGP-----PGGQPPGLS--- 419
Qy 227 PYGVPGGVAGAAKAGVPTGTGTVGPQAAAAAATAKAAKFCGAGAGVLPV-GGAGVPGV 285
Db 420 ----GPPGIGKEKGPFGPGLDMPG-----KDKGAQG-LPGITGOSGLPGL 462
Qy 286 PG--AIPGIGTAG-----VGTAAAAAATAKAAKAGLVPGGPFGPGVGV 336
Db 463 PQQAGPIPGFPKSGEMVMT-----PGQPG-SFGPVA 498
Qy 337 PGAGVPGV---GVPGA---GIPVVP-----AGIPGAAPVGVVSPAAAAKAAKAYG 384
Db 499 P--GLPGEKGDHGFPGSSGPRGDPGLKGDVGLPGK--PGSMDKVDMSMKQKGDQ 554
Qy 385 ARPVGVGGIPTYGVAGGFPFGVGGIPGVAGVPGVGGVPGVGGVGSPEAA 444
Db 555 EKGQIG----PIGEKSGRGP-----GTPGVPKDQAGQPGQPGKDPGISTGTPGAPGL 606
Qy 445 AAAKAAKYGVTTPAAAAAATAKAAQFALLNLGLVPGVGVAPGVGVAPGVVGLA 504
Db 607 PGPKSVGEMGLPCTPGEK-----VPGI---PGPQSPGL---PGDKGA 645
Qy 505 PGVGVAPGVGVAPGVVAPGI-----GPGVAAAAKAAKAAQALRAAAGLGIPIGLG 560
Db 646 KG---EKQAGPPGIGI-PGLRGEKDGQIAGFPSPGKEKSGSI-----GIPGM- 692
Qy 561 VGVVPGGLGVGAGVPLGVGAGVPGFAGVPGALAAKAAKAAVPGVGLGGLGAGVGI 620
Db 738 PGTGPTGP-----AGQKEPGSDGIPG-SAGEKEPGLPGRGPPGPAKGD 784
Qy 679 KAAKYGVAARPFGLSPIFFG 699
Db 785 KGSK-GEVGFPLAGSPGIPG 804

RESULT 15

US-09-724-676A-74673
; Sequence 74673, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724.676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74673
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-74673

Query Match

15.6%; Score 573; DB 5; Length 867;

Best Local Similarity 29.8%; Pred. No. 2e-22;
Matches 239; Conservative 58; Mismatches 252; Indels 252; Gaps 49;

Qy 1 MAGTAAAPREFGVLLLLLSILHSPRG--GVPGA-----PGVPFGVPYPGA----- 46
Db 154 MPGRAGSPGRDG-----HPGLPGKSPGSLKGERGPPGGVGPGRGDTGPPG 204
Qy 47 --GLGALG-----GGALPGGKPLK--PVPGLAGAGLGLAGLAFPAVT 86
Db 205 PPGYPAGPIGDKQAGPFGGSPGLPCKPKEPKIIVLPFGPPGAELG--PGSPFPGPQ 263
Qy 87 ----PPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLGVSAGAVPQAGVKKP--- 139
Db 264 GDRGFPG--TPGRGLPGEKAGVGGGIGFPGPDPKGVDTGLPDMGP-PTGPRGPPNG 320
Qy 140 -----KVPGVGLPGV--YFGVLPGARFPF-----VGLPGEVPTGAGV--- 175
Db 321 LPGNPGVQKGEPCVGLPGLKLPGL--LPG--IPGTPEKSGISGV-PGVFGEHGAIPP 375
Qy 176 -----KPKAPGVGGAF--GIPGVFPFGPQPGVPLGYPIKAPKLPGGVGLPYTTOKL 226
Db 376 GLOGIRGEPGPGPLPGSVGSPVPGIGPPGARGP-----PGGQPPGLS--- 419
Qy 227 PYGVPGGVAGAAKAGVPTGTGTVGPQAAAAAATAKAAKFCGAGAGVLPV-GGAGVPGV 285
Db 420 ----GPPGIGKEKGPFGPGLDMPG-----KDKGAQG-LPGITGOSGLPGL 462
Qy 286 PG--AIPGIGTAG-----VGTAAAAAATAKAAKAGLVPGGPFGPGVGV 336
Db 463 PQQAGPIPGFPKSGEMVMT-----PGQPG-SFGPVA 498
Qy 337 PGAGVPGV---GVPGA---GIPVVP-----AGIPGAAPVGVVSPAAAAKAAKAYG 384
Db 499 P--GLPGEKGDHGFPGSSGPRGDPGLKGDVGLPGK--PGSMDKVDMSMKQKGDQ 554
Qy 385 ARPVGVGGIPTYGVAGGFPFGVGGIPGVAGVPGVGGVPGVGGVGSPEAA 444
Db 555 EKGQIG----PIGEKSGRGP-----GTPGVPKDQAGQPGQPGKDPGISTGTPGAPGL 606
Qy 445 AAAKAAKYGVTTPAAAAAATAKAAQFALLNLGLVPGVGVAPGVGVAPGVVGLA 504
Db 607 PGPKSVGEMGLPCTPGEK-----VPGI---PGPQSPGL---PGDKGA 645
Qy 505 PGVGVAPGVGVAPGVVAPGI-----GPGVAAAAKAAKAAQALRAAAGLGIPIGLG 560
Db 646 KG---EKQAGPPGIGI-PGLRGEKDGQIAGFPSPGKEKSGSI-----GIPGM- 692
Qy 561 VGVVPGGLGVGAGVPLGVGAGVPGFAGVPGALAAKAAKAAVPGVGLGGLGAGVGI 620
Db 693 --PGSPGL---KGSFG---SVGYPSGFLPG-----EKDKGLPGLDGIPIGVKGEAGL 737
Qy 621 PGGVVGAGPAAAAAATAKAAQFGLVGAAGLGLGVLGVPVGGIG--GIPAAAA 678
Db 738 PGTGPTGP-----AGQKEPGSDGIPG-SAGEKEPGLPGRGPPGPAKGD 784
Qy 679 KAAKYGVAARPFGLSPIFFG 699
Db 785 KGSK-GEVGFPLAGSPGIPG 804

Search completed: February 3, 2003, 09:46:43
Job time : 54.8421 secs

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Db	1	MAGLTAAPRPGVLLLLLSTILHSRRPGGVPCGATPGGVPGGVFPYFGAGLGGALGGGALPGCG	60
Qy	61	KPLKPVPGGLAGAGLGAFLGAFPAVTFPGALVPGGVADAAAAKAAKAGAGLGGVPGVG	120
Db	61	KPLKPVPGGLAGAGLGAFLGAFPAVTFPGALVPGGVADAAAAKAAKAGAGLGGVPGVG	120
Qy	121	LGVSAQAVPQPGAGVKKGVKPGVGLPGVTPGGVLPQARPFGVGVLPVPTGAGVKPKAP	180
Db	121	LGVSAQAVPQPGAGVKKGVKPGVGLPGVTPGGVLPQARPFGVGVLPVPTGAGVKPKAP	180
Qy	181	GVGGAFAGICGVGPFPGQPCVPLGYPIKAPKLPGGVLPTTTGKLPYGVGPGGVAGAAG	240
Db	181	GVGGAFAGICGVGPFPGQPCVPLGYPIKAPKLPGGVLPTTTGKLPYGVGPGGVAGAAG	240
Qy	241	KAGYPTGTGVGPQAAAAAATAKAAKAFGAGAAGVLPVGGGAGVPGVPCGATPGIGGIAGVGT	300
Db	241	KAGYPTGTGVGPQAAAAAATAKAAKAFGAGAAGVLPVGGGAGVPGVPCGATPGIGGIAGVGT	300
Qy	301	PAAAAAAATAKAAKYGAAAGLVPGGPFGGVGVPGAGVGVGVPGCGATPVVPCGATP	360
Db	301	PAAAAAAATAKAAKYGAAAGLVPGGPFGGVGVPGAGVGVGVPGCGATPVVPCGATP	360
Qy	361	GAAVPGVVSPEAAAAKAAKAYGARPGVGVGGIPTTYGVGAGGFPFGVGVGIGIPGVAGV	420
Db	361	GAAVPGVVSPEAAAAKAAKAYGARPGVGVGGIPTTYGVGAGGFPFGVGVGIGIPGVAGV	420
Qy	421	PGVGVPGVGVGVPVGTSPAAAAAATAKAAKYGTVGTAAAAAATAKAAKQAFALLNLAGLV	480
Db	421	PGVGVPGVGVGVPVGTSPAAAAAATAKAAKYGTVGTAAAAAATAKAAKQAFALLNLAGLV	480
Qy	481	PGVGVAPGVGVPAGVAPGVGLAPGVGVAPGVGVAPGVAPGVGPGVPGVPGVAAAKSAKV	540
Db	481	PGVGVAPGVGVPAGVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGPGVPGVPGVAAAKSAKV	540
Qy	541	AAKAQLRAAAGLGAIGPGLGVGVGVPGLGVGAGVPGVGLGVGAGVPGFGAPGACALAAKAAK	600
Db	541	AAKAQLRAAAGLGAIGPGLGVGVGVPGLGVGAGVPGVGLGVGAGVPGFGAPGACALAAKAAK	600
Qy	601	YGAAVPGVVLGGI-GALGGVGIIPGVVVGAPAAAAAATAKAAKQAFGLVGAAGLGGLVGG	660
Db	601	YGAAVPGVVLGGI-GALGGVGIIPGVVVGAPAAAAAATAKAAKQAFGLVGAAGLGGLVGG	660
Qy	661	LGVPGVGLGGIPAAAAAATAKAAKYGVAARPFGGLSPIPFGGACLGKACGRKK	712
Db	661	LGVPGVGLGGIPAAAAAATAKAAKYGVAARPFGGLSPIPFGGACLGKACGRKK	712

```

RESULT 2
US-09-554-996-8
; Sequence 8, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human elastin-c-myc fusion
US-09-554-996-8
Query Match 99.9% Score 3672; DB 19; Length 730;

```

[illegible]

```

RESULT 3
US-09-961-403-8
; Sequence 8, Application US/09961403
; GENERAL INFORMATION:
; APPLICANT: HE-STUMPP, HOLGER
; APPLICANT: HAENDLER, BERNARD
; APPLICANT: KRAETZSCHMAR, JOERN
; APPLICANT: KREFT, BERTHOLT
; APPLICANT: WINTERHAGER, ELKE
; APPLICANT: REGIDOR, PEDRO
; APPLICANT: SCOTTI, SIMONE
; TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
; FILE REFERENCE: SCH-1789
; CURRENT APPLICATION NUMBER: US/09/961,403
; CURRENT FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Homo sapiens

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Query Max:ch 99.9%; Score 3672; DB 19; Length 730;

Db	307	KAGYPTGTGVPQAAAAA	AAAAA	KAAAK	KFGAGAGVL	PGVGGAGV	PGGAI	PGIGGTAGVGT	367														
Qy	301	PAAAAAA	AAAAA	KAAKY	GAAAGI	VPGGPG	PGVWG	VPGAGV	PGVPGAGI	PWPGAGI	360												
Db	367	PAAAAAA	AAAAA	KAAKY	GAAAGVL	PGGPG	PGPGV	WVPGN	AGVPGV	PGNAGI	426												
Qy	361	GAAV	PGVSP	AAAAA	KAAAA	KAAKY	GARP	PGVGVGGI	PTTY	GVGAGFP	FGVGVGGI	PGVAGV	420										
Db	427	GAAV	PGVSP	AAAAA	KAAAA	KAAKY	GARP	PGVGVGGI	PTTY	GVGAGFP	FGVGVGGI	PGVAGV	486										
Qy	421	PGVGV	PGVGV	PGVGV	GIS	SP	EAQ	AAAAA	KAAKY	GVGTP	PA	AAAAA	KAAAK	AAQ	AF	ALLNL	LAGVL	480					
Db	487	PXVGV	PGVGV	PGVGV	PGVGV	GIS	SP	EAQ	AAAAA	KAAKY	GVGTP	PA	AAAAA	KAAAK	AAQ	AF	GLV	540					
Qy	481	PGVGV	APGV	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	540				
Db	541	PGVGV	APGV	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	GVAP	600				
Qy	541	AAKAQ	LA	RAA	AGL	GAGI	PTGL	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	600				
Db	601	AAKAQ	LA	RAA	AGL	GAGI	PTGL	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	GVGV	660				
Qy	601	YGA	AV	PGV	L	GGI	AGL	GGV	GI	PGV	GV	GA	AAAAA	AAAAA	AAAAA	AAAAA	AAAAA	AAAAA	660				
Db	661	YGA	AV	PGV	L	GGI	AGL	GGV	GI	PGV	GV	GA	AAAAA	AAAAA	AAAAA	AAAAA	AAAAA	AAAAA	720				
Qy	661	LG	V	PGV	GV	GGI	GGI	IP	AAAAA	KAAKY	GV	AA	RG	F	GL	SP	IF	PGG	AGC	LGK	ACGR	KRK	712
Db	721	LG	V	PGV	GV	GGI	GGI	IP	AAAAA	KAAKY	GV	AA	RG	F	GL	SP	IF	PGG	AGC	LGK	ACGR	KRK	772

US-09-463-091-3

Query Match 94.8%; Score 3485; DB 18; Length 698;

Best Local Similarity 96.4%; Pred. No. 2.5e-218;

Matches 679; Conservative 0; Mismatches 1; Indels 24; Gaps 2;

Qy 27 GGVPCAIPEGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGAFFPAVT 86
Db 1 GGVPCAIPEGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGAFFPAVT 60
Qy 87 PFGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 146
Db 61 PFGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 120
Qy 147 PGVTPGGVLPGARPPGVGLPGVTPGAGVGPAGVGPAGVGPAGVGPAGVGPAGVGPAGV 206
Db 121 PGVTPGGVLPGARPPGVGLPGVTPGAGVGPAGVGPAGVGPAGVGPAGVGPAGVGPAGV 180
Qy 207 PIKAPKLPGGYGLPYTTCKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 266
Db 191 PIKAPKLPGGYGLPYTTCKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 240
Qy 267 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAATAAATAAATAAATAAATAA 326
Db 241 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAATAAATAAATAAATAAATAA 300
Qy 327 PFGGPGVVGVPAGVPGVPGAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPV 386
Db 301 PFGGPGVVGVPAGVPGVPGAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPV 360
Qy 387 PGVGGGIPVVGAGGPGPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGG 446
Db 361 PGVGGGIPVVGAGGPGPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGG 420
Qy 447 AKAAKYGVGTPTAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 506
Db 421 AKAAKYGVGTPTAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 474
Qy 507 VGVAPGVGVPAGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPG 566
Db 475 VGVAPGVGVPAGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPG 534
Qy 567 GLGVGAGVPGVGGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGV 626
Db 535 GLGVGAGVPGVGGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGV 594
Qy 627 AGPAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 683
Db 595 AGPAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 654
Qy 694 -----GVAARPGFGLSPIFFPGGACLGKACGRKK 712
Db 655 GLGGVGGAGGPFPLGGVAAAPFGFGLSPIFFPGGACLGKACGRKK 698

RESULT 7

US-09-743-818-5

; Sequence 5, Application US/09743818

; GENERAL INFORMATION:

; APPLICANT: The University of Sydney

; TITLE OF INVENTION: Protease Susceptibility

; FILE REFERENCE: Weiss Protease

; CURRENT APPLICATION NUMBER: US/09/743,818

; CURRENT FILING DATE: 2001-01-15

; NUMBER OF SEQ ID NOS: 74

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 5

; LENGTH: 698

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-743-818-5

Query Match 94.8%; Score 3485; DB 21; Length 698;

Best Local Similarity 96.4%; Pred. No. 2.5e-218;

Matches 679; Conservative 0; Mismatches 1; Indels 24; Gaps 2;

Qy 27 GGVPCAIPEGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGAFFPAVT 86
Db 1 GGVPCAIPEGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGAFFPAVT 60
Qy 87 PFGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 146
Db 61 PFGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGGVGGVGGVGGVGGVGGVGGVGGV 120
Qy 147 PGVTPGGVLPGARPPGVGLPGVTPGAGVGPAGVGPAGVGPAGVGPAGVGPAGVGPAGV 206
Db 121 PGVTPGGVLPGARPPGVGLPGVTPGAGVGPAGVGPAGVGPAGVGPAGVGPAGVGPAGV 180
Qy 207 PIKAPKLPGGYGLPYTTCKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 266
Db 181 PIKAPKLPGGYGLPYTTCKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 240
Qy 267 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAATAAATAAATAAATAAATAA 326
Db 241 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAATAAATAAATAAATAAATAA 300
Qy 327 PFGGPGVVGVPAGVPGVPGAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPV 386
Db 301 PFGGPGVVGVPAGVPGVPGAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPV 360
Qy 387 PGVGGGIPVVGAGGPGPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGG 446
Db 361 PGVGGGIPVVGAGGPGPGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGGVGG 420
Qy 447 AKAAKYGVGTPTAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 506
Db 421 AKAAKYGVGTPTAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 474
Qy 507 VGVAPGVGVPAGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPG 566
Db 475 VGVAPGVGVPAGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPG 534
Qy 567 GLGVGAGVPGVGGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGV 626
Db 535 GLGVGAGVPGVGGVPGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGVPGAGV 594
Qy 627 AGPAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 683
Db 595 AGPAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 654
Qy 694 -----GVAARPGFGLSPIFFPGGACLGKACGRKK 712
Db 655 GLGGVGGAGGPFPLGGVAAAPFGFGLSPIFFPGGACLGKACGRKK 698

RESULT 8

US-09-340-736-1

; Sequence 1, Application US/09340736

; GENERAL INFORMATION:

; APPLICANT: ROTHSTEIN, ASER

; APPLICANT: KEELEY, FRED

; APPLICANT: ROTHSTEIN, STEVEN

; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN

; FILE REFERENCE: 041082/0110

; CURRENT APPLICATION NUMBER: US/09/340,736

; CURRENT FILING DATE: 1999-06-29

; PRIOR APPLICATION NUMBER: 08/911,364

; PRIOR FILING DATE: 1997-08-07

; PRIOR APPLICATION NUMBER: 60/023,552

; PRIOR FILING DATE: 1996-08-07

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 1

; LENGTH: 731

; TYPE: PRT

```
; ORGANISM: Homo sapiens
US-09-340-736-1

Query Match      94.1%; Score 3458.5; DB 17; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVPCAI PGVPGGVYFPGAGLGGAGLPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 86
Db 1 GGVPCAI PGVPGGVYFPGAGLGGAGLPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 60

Qy 87 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVGL 146
Db 61 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVGL 120

Qy 147 PGVYPGGVLPGARFPFGVGLPVPTGAGVKPKAPGVGGAFAGIPGVPGFGPQPGVPLGY 206
Db 121 PGVYPGGVLPGARFPFGVGLPVPTGAGVKPKAPGVGGAFAGIPGVPGFGPQPGVPLGY 180

Qy 207 PIKAPKLPGGVGLPYTTGKLPYGGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 266
Db 181 PIKAPKLPGGVGLPYTTGKLPYGGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 240

Qy 267 GAGAAAGVLPGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKAGLVPFG 326
Db 241 GAGAAAGVLPGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKAGLVPFG 300

Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVVPVSPAAAAAAYKAAKAYGAR 386
Db 301 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVVPVSPAAAAAAYKAAKAYGAR 360

Qy 387 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVGGVGGVGGVGGVGG 446
Db 361 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVGGVGGVGGVGGVGG 420

Qy 447 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 506
Db 421 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 474

Qy 507 VGVAPGVGVAPGVGVAPGIPGPGVAAAKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGPGVAAAKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 534

Qy 567 GLGVGAGVPLGVGAGVPGFGA-----VPGAL 593
Db 535 GLGVGAGVPLGVGAGVPGFGA-----VPGAL 594

Qy 594 AAATAKYGAAPVGLGGLGAGLGGVPGVGGVAGVAAAKAAKAAQFGLVGAAGL 653
Db 595 AAATAKYGAAPVGLGGLGAGLGGVPGVGGVAGVAAAKAAKAAQFGLVGAAGL 654

Qy 654 GGLGVGGLGVPGVGGIPIPPAAAAAAYKAAKYGAAGLGGVGLGGAGQFPLGGVAAARPGFGLSP 695
Db 655 GGLGVGGLGVPGVGGIPIPPAAAAAAYKAAKYGAAGLGGVGLGGAGQFPLGGVAAARPGFGLSP 714

Qy 696 IFPGGACLGKACGRKK 712
Db 715 IFPGGACLGKACGRKK 731

RESULT 9
US-09-340-736A-1
; Sequence 1, Application US/09340736A
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 08/911,364
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; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-340-736A-1

Query Match      94.1%; Score 3458.5; DB 17; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVPCAI PGVPGGVYFPGAGLGGAGLPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 86
Db 1 GGVPCAI PGVPGGVYFPGAGLGGAGLPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 60

Qy 87 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVGL 146
Db 61 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVGL 120

Qy 147 PGVYPGGVLPGARFPFGVGLPVPTGAGVKPKAPGVGGAFAGIPGVPGFGPQPGVPLGY 206
Db 121 PGVYPGGVLPGARFPFGVGLPVPTGAGVKPKAPGVGGAFAGIPGVPGFGPQPGVPLGY 180

Qy 207 PIKAPKLPGGVGLPYTTGKLPYGGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 266
Db 181 PIKAPKLPGGVGLPYTTGKLPYGGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 240

Qy 267 GAGAAAGVLPGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKAGLVPFG 326
Db 241 GAGAAAGVLPGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKAGLVPFG 300

Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVVPVSPAAAAAAYKAAKAYGAR 386
Db 301 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVVPVSPAAAAAAYKAAKAYGAR 360

Qy 387 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVGGVGGVGGVGGVGG 446
Db 361 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVGGVGGVGGVGGVGG 420

Qy 447 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 506
Db 421 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 474

Qy 507 VGVAPGVGVAPGVGVAPGIPGPGVAAAKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGPGVAAAKAAKAAQF-----GLVPGVGVAPGVGVAPGVGLAPG 534

Qy 567 GLGVGAGVPLGVGAGVPGFGA-----VPGAL 593
Db 535 GLGVGAGVPLGVGAGVPGFGA-----VPGAL 594

Qy 594 AAATAKYGAAPVGLGGLGAGLGGVPGVGGVAGVAAAKAAKAAQFGLVGAAGL 653
Db 595 AAATAKYGAAPVGLGGLGAGLGGVPGVGGVAGVAAAKAAKAAQFGLVGAAGL 654

Qy 654 GGLGVGGLGVPGVGGIPIPPAAAAAAYKAAKYGAAGLGGVGLGGAGQFPLGGVAAARPGFGLSP 695
Db 655 GGLGVGGLGVPGVGGIPIPPAAAAAAYKAAKYGAAGLGGVGLGGAGQFPLGGVAAARPGFGLSP 714

Qy 696 IFPGGACLGKACGRKK 712
Db 715 IFPGGACLGKACGRKK 731

RESULT 10
US-09-340-736B-1
; Sequence 1, Application US/09340736E
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
```

[illegible]

Db 715 IFPGACGLGKACGRKK 731

RESULT 12

US-09-463-091-2
 ; Sequence 2, Application US/09463091
 ; GENERAL INFORMATION:
 ; APPLICANT: WEISS, ANTHONY S
 ; UNIVERSITY, SYDNEY
 ; TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
 ; NUMBER OF SEQUENCES: 15
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GRIFFLTH HACK
 ; STREET: 168 WALKER STREET
 ; CITY: NORTH SYDNEY
 ; STATE: NEW SOUTH WALES
 ; COUNTRY: AUSTRALIA
 ; ZIP: 2060
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/463,091
 ; FILING DATE: 31-Mar-2000
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: AU P08117
 ; FILING DATE: 18-JUL-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: GUNLEY, THOMAS P
 ; REFERENCE/DOCKET NUMBER: 048282K
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 61 2 9957 5944
 ; TELEFAX: 61 2 9957 6288
 ; TELEX: 26547
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 733 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: <Unknown>
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-463-091-2

Query Match 94.1%; Score 3458.5; DB 18; Length 733;
 Best Local Similarity 92.1%; Pred No. 1.4e-216;
 Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;
 Qy 27 GGVPAIPGGVPGVFPYAGAGLGGGALGPGKPLKVPVPGGLAGAGLGAFFAVT 86
 Db 3 GGVPAIPGGVPGVFPYAGAGLGGGALGPGKPLKVPVPGGLAGAGLGAFFAVT 62
 Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVL 146
 Db 63 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPGAGVKPKVPGVL 122
 Qy 147 PGVYPGVLPGARFPVGVLPVPTGAGVKPKAPGVGGAFAGIPGVPGPGPQPGVPLGY 206
 Db 123 PGVYPGVLPGARFPVGVLPVPTGAGVKPKAPGVGGAFAGIPGVPGPGPQPGVPLGY 182
 Qy 207 PIKAPKLPGGYGLPYTTGKLPGYGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 266
 Db 183 PIKAPKLPGGYGLPYTTGKLPGYGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 242
 Qy 267 GAGAAGVLPVGGAGVPGVPGAIPIGTGGTAGVTPAAAAAAYKAAKAGLVPGG 326
 Db 243 GAGAAGVLPVGGAGVPGVPGAIPIGTGGTAGVTPAAAAAAYKAAKAGLVPGG 302
 Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPVPGVSPVSPVSPVSPVSPVSPVSPV 386

Db 303 PGFPGVGVPGAGVPGVPGAGIPVVPAGIPVVPAGIPVVPAGIPVVPAGIPVVPAG 362
 Qy 387 PGVGVGGIPYTYGVGAGGPGVGVGGIPGVVAGVPGVGGVPGVGGVPGVGGVPGVGG 446
 Db 363 PGVGVGGIPYTYGVGAGGPGVGVGGIPGVVAGVPGVGGVPGVGGVPGVGGVPGVGG 422
 Qy 447 AKAAYKGVGTAAAAAAYKAAKAGLGGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 506
 Db 423 AKAAYKGVGTAAAAAAYKAAKAGLGGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 476
 Qy 507 VGVAPGVGAVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 566
 Db 477 VGVAPGVGAVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 536
 Qy 567 GLGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 593
 Db 537 GLGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 596
 Qy 594 AKAAYKGAAPVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 653
 Db 597 AKAAYKGAAPVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 656
 Qy 654 GGLGVGGLGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 695
 Db 657 GGLGVGGLGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 716
 Qy 696 IFPGGACGLGKACGRKK 712
 Db 717 IFPGGACGLGKACGRKK 733

RESULT 13

US-10-108-260A-2477
 ; Sequence 2477, Application US/10108260A
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: Novel full length cdna
 ; FILE REFERENCE: HI-A0106
 ; CURRENT APPLICATION NUMBER: US/10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2477
 ; LENGTH: 663
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-108-260A-2477

Query Match 88.2%; Score 3244.5; DB 25; Length 663;
 Best Local Similarity 87.8%; Pred. No. 1.1e-202;
 Matches 641; Conservative 1; Mismatches 3; Indels 85; Gaps 3;
 Qy 1 MAGLTAAPRPGVLLLSILHPSRPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 60
 Db 1 MAGLTAAPRPGVLLLSILHPSRPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 60
 Qy 61 KPLKPVPGGLAGAGLGAFFAVTFFGALVPGGVADAAAAYKAAKAGLGGVPGVGG 120
 Db 61 KPLKPVPGGLAGLGG-----AGLGGVPGVGG 89
 Qy 121 LGVSAGAVVPPGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 180
 Db 90 LGVSAGAVVPPGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 149
 Qy 181 GVGGAFAPIGVPGPGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPGYGGVAGAG 240
 Db 150 GVGGAFAPIGVPGPGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPGYGGVAGAG 209
 Qy 241 KAGYPTGTGVPQAAAAAAYKAAKAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPG 300
 Db 210 KAGCPTGTGVPQAAAAAAYKAAKAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPG 269

Query Match 84.8%; Score 3118.5; DB 18; Length 660;
Best Local Similarity 88.3%; Pred. No. 1.7e-194;
Matches 625; Conservative 3; Mismatches 9; Indels 71; Gaps 8;

Qy 27 GGVPGAIPEGVPGGVYFPGAGLGGALGGKPLKPVPGGLAGAGLGAFFAVT 86
Db 2 GGVPGAVPGVPGGVYFPGAGF----- 25

Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPOPGAGVPGKVPVGL 146
Db 26 -----VPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPOPGAGVPGKVPVGL 80

Qy 147 PGVYPG-GVLPGARFPGVGLPGVPTGAGVKKPKGVGAFAGIPGVPGGPGQPGVPLG 205
Db 81 PGVYPGFAGVPGARFPGVGLPGVPTGAGVKKPKGVGAFAGIPGVPGGPGQPGVPLG 140

Qy 206 YPIKAPKLPGGYGLPYTTGKLPYGYGPGGVGAGAGKAGYPTGTGTGVPQAAAAAATAAK 265
Db 141 YPIKAPKLPGGYGLPYTTGKLPYGYGPGGVA-AAGKAGYPTGTGTGVPQAAAAAATAAK 199

Qy 266 FGAGAA--GVLPFGVAGVPGVPGAIPIGGIAGVGTTPAAAAAATAAKYGAAGLV 323
Db 200 FGAGAAFGAGVPGVAGVPGVPGAIPIGGIAGVGTTPAAAAAATAAKYGAAGLV 259

Qy 324 PGCPGFGVGVPGAG-VPGVGVPGAGIPVVPAGIPGAAVPGVVSPEAAAAATAAK 382
Db 260 PGCPGFGVGVPGVPGAGVPGVPGAGIPVVPAGIPGAAFGVSPAAAAATAAK 319

Qy 383 YGARPGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGVPGVGVPGVPGVGSPEAQ 442
Db 320 YGARPGVGVGGIPTYGVGAGFPFGVGVGGIPGVAGVPSVGVPGVGVPGVGSPEAQ 379

Qy 443 AAAAAKAAKYGVGTTPAAAAAATAAKAAQFALINLAGLVEGVGVAPEGVAPGVG 502
Db 380 AAAAAKAAKYGVGTTPAAAAAATAAKAAQF-----GLVPGVGVAPGVGVAPEGV 433

Qy 503 LAPGVGAVPGVGVAPGVARGIPGCVAAAAAATAAKAAQRAAAGLGAAGIPGLGVG 562
Db 434 LAPGVGAVPGVGVAPGVARGIPGCVAAAAAATAAKAAQRAAAGLGAAGIPGLGVG 493

Qy 563 VGVPLGVGAGVPLGVGAGVPGFCAVPGALAAAAATAAKYGAAPVGLGGLGAGVGI 622
Db 494 VGVPLGVGAGVPLGVGAGVPGFCAVPGALAAAAATAAKYGAAPVGLGGLGAGVGI 552

Qy 623 GVVAGPAAAAAATAAKAAQAFGLVGAAGLGLGVGGLGVPGVGGIGIPAAAAATAAK 682
Db 553 GVVAGPAAAAAATAAKAAQAFGLVGAAGLGLGVGGLGVPGVGGIGIPAAAAATAAK 612

Qy 683 Y-----GVAARPGFGLSPFPFGACLGKACGRKK 712
Db 613 YGAAGLGGVGGAGQFPLGGAARPGFGLSPFPFGACLGKACGRKK 660

Search completed: February 3, 2003, 09:45:41
Job time : 384.295 secs


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; SEQ ID NO 34
; LENGTH: 2003
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
US-09-837-969A-34

Query Match      27.7%; Score 1017; DB 10; Length 2003;
Best Local Similarity 42.8%; Pred. No. 5.1e-49;
Matches 327; Conservative 48; Mismatches 254; Indels 135; Gaps 59;

Qy 28 GVPG-AIPG-GVPG-----GVYFGALGALGGGALG-PG-GKPLKVPFG-GLAGAGLAG 78
Db 3 GVPGVGVPFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 62

Qy 79 LGAPPVTFPGALVPGGVADAAAAYKAAKAGAGLG--GVPGV--GLGVSAGV--VQPP 132
Db 63 VGV-PGVGVGVPFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 121

Qy 133 GAGVKPGVPGVGLPGV-YPGGVLPGARFPFGVGLPGVPT-GAGV--KPKAPGVGGAFA 188
Db 122 GVGVPFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 180

Qy 189 IPGVGPFPGVPGVPL-GYPIKAPKLPG-----GYGLPYTTGKLPYGVPGVPGVPGV 243
Db 181 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 230

Qy 244 YPTGTGVPQAAAAAAYKAAKAGAGAGV-LPGV--GAGVPGV-----PG-AIPG 291
Db 231 VP-GVGVGVPFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 289

Qy 292 IG-----GIAGVGTAAAAAAYKAAKAGAGVLP--GGPFG-PGV-----VGPV 340
Db 290 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 346

Qy 341 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 396
Db 347 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 405

Qy 397 YGVGAGFPFGV-GVG-----GIPGAGVPGV-----GVPGV-----GVPG 443
Db 406 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 459

Qy 444 AAAKAAKYGVGTAAAAAAYKAAKAGAGVLP--VPGVPGVPGVPGVPGVPGVPGV 497
Db 460 -----GVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 509

Qy 498 APVGLAPGVGVPAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 556
Db 510 -PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV 564

Qy 557 PGLGV-GVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 608
Db 565 PGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 624

Qy 609 LGLGALG-----GVGIPG-GVVGAGPAAAAAAYKAAKAGAGVLP--VGAAGL 657
Db 625 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 684

Qy 658 VGLGVPGV--GLG-----GIPAAAAAAYKAAKAGAGVPGVPGVPGVPGVPGV 695
Db 685 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 727

RESULT 4
US-09-841-321A-34
; Sequence 34, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
```


Thu Feb 6 14:42:44 2003

```
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(1300)
; OTHER INFORMATION: Synthetic
US-09-837-969A-55

Query Match      26.1%; Score 959; DB 10; Length 1300;
Best Local Similarity 39.5%; Pred. No. 5.3e-46;
Matches 305; Conservative 77; Mismatches 221; Indels 170; Gaps 66;

Qy 11 PGVLLLLLSILHPSRPG-GVPG-AIPG-GVPG-----GVFPAGLGGALG-PG-GK 61
Db 5 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 64

Qy 62 PLKEVPVPG-GLAGAGL-GAGLGAFAVTPPGALVPG-GVADAAAAAYKAAKAGAGLGGV--P 116
Db 65 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 110

Qy 117 GVG--GLGVSAAGAVVPO---PGAGVKPKVPFVGLPGV-YFGVLPGARFPFVG--L 166
Db 111 GVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI 169

Qy 167 PGVP-TGAGVVKAPGVGGAFAPIGVGPFPGPQPCVPL-GYPIKAPKLPG-----GYCLP 220
Db 170 PGVGIPGVGI----PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 225

Qy 221 YTTGKLPYGYGPGVAGAGKAGYPTGTGVPQAAAAAAYKAAKFGAGAGV-LPGVG- 278
Db 226 -----GVGIPGV-GIP-VGIP-GVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 274

Qy 279 -GAGVPV--PG-AIPGIG----GIAGVGTAAAAAAYKAAKYGAAAGLVPG--PG 328
Db 275 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVG 331

Qy 329 FG-PGV----VGVPGAGVPVGPAGIPV--PGAGIPGAAPGVVSPAAKAAKAA 381
Db 332 VGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 384

Qy 382 KYGARPGVGV--GIPTVGVAGGPGFVG-VGV---GIPGVAGVPVG--GVPVG 430
Db 385 -----PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 438

Qy 431 ----GVPVGISPEAQAAAAAAYKAAKYGVTAAAAAAYKAAKAAQFALLNLGL-VPGV 485
Db 439 IFGVGIPGVIP-----GVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 484

Qy 486 APGVGVPAGVAPGVGLAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGVGAPGV 545
Db 485 -PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI 537

Qy 546 LRAAAGL-CAGIPLGV-GVVPGLGV-CAGVPLGV-CAGVPGFAGVPGALAAKAAKY 601
Db 538 GIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 590

Qy 602 GAAVPGV-LGGLGALG---GVGIPG-VVVGAPAAAAAAYKAAKAAQFGLVGAAGL- 654
Db 591 GVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVG 639

Qy 655 -GLGVGGLGVPGV--GLG----GIPPAKAAKYGVAARPGFGLSPI-FPG 699
Db 640 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGV 691
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Search completed: February 3, 2003, 09:47:07
Job time : 24.5474 secs

Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	3601	97.9	792	2	US-08-678-039A-40	Sequence 40, Appl	
2	3458.5	94.1	731	2	US-08-911-364-1	Sequence 1, Appli	
3	3458.5	94.1	733	4	US-08-464-700-2	Sequence 2, Appli	
4	1150	31.3	988	1	US-08-212-237-5	Sequence 5, Appli	
5	1150	31.3	988	4	US-08-806-029-28	Sequence 28, Appli	
6	1150	31.3	988	5	PCF-US955-02772-5	Sequence 5, Appli	
7	1135	30.9	832	1	US-08-212-237-4	Sequence 4, Appli	
8	1135	30.9	832	4	US-08-806-029-27	Sequence 27, Appli	
9	1133.5	30.8	832	5	PCF-US955-02772-4	Sequence 4, Appli	
10	1133.5	30.8	877	1	US-08-397-633A-54	Sequence 54, Appli	
11	1133.5	30.8	889	4	US-08-806-029-19	Sequence 19, Appli	
12	1133.5	30.8	936	1	US-08-212-237-3	Sequence 3, Appli	
13	1133.5	30.8	936	4	US-08-806-029-26	Sequence 26, Appli	
14	1133.5	30.8	936	5	PCF-US955-02772-3	Sequence 3, Appli	
15	1125.5	30.6	1413	1	US-08-175-155-39	Sequence 39, Appli	
16	1125.5	30.6	1413	2	US-08-707-237A-45	Sequence 45, Appli	
17	1125.5	30.6	1464	1	US-08-477-509B-74	Sequence 74, Appli	
18	1125.5	30.6	1464	3	US-08-482-085B-74	Sequence 74, Appli	
19	1125.5	30.6	1465	4	US-09-444-791A-74	Sequence 74, Appli	
20	1122.5	30.5	884	1	US-08-397-633A-68	Sequence 68, Appli	
21	1122.5	30.5	884	2	US-08-435-641-15	Sequence 15, Appli	
22	1122.5	30.5	884	2	US-08-707-237A-96	Sequence 96, Appli	
23	1122.5	30.5	884	3	US-08-642-246-15	Sequence 15, Appli	
24	1122.5	30.5	884	4	US-09-451-206-15	Sequence 15, Appli	
25	1122.5	30.5	884	5	PCF-US966-06229-15	Sequence 15, Appli	
26	1120.5	30.5	1002	2	US-08-707-237A-103	Sequence 103, App	
27	1120.5	30.5	1002	3	US-08-642-246-25	Sequence 25, Appli	

ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/212,237
FILING DATE: 11-MAR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-58847/BI
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 832 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-212-237-4

Query Match 30.9%; Score 1135; DB 1; Length 832;
Best Local Similarity 44.6%; Pred. No. 1.1e-68;
Matches 340; Conservative 47; Mismatches 217; Indels 158; Gaps 54;
QY 26 PG-GVPG-AIPG-GVPG-----GVFPAGLGGALGPGKPLKPVGGLAGAGLGAG 78
DB 7 PGVGPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 61
QY 79 LGAFPAVTPFGALVPGGVADAAAAYKAAKAGAGLG--GVPGVGGVGSAGAVVPQ---PG 133
DB 62 AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 121
QY 134 AGVKPGKVPVGLPGV-YPGGVLPGARPPGVVLPGVPT-GAGVKPKAPGVGAGFAG--- 188
DB 122 SGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 176
QY 189 -----IPGVG--PFGGPPQVGP-LGYPIKAPKLPGGYGLPYTTGKLPYV 229
DB 177 GAGSGAGAGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 220
QY 230 YG-PG-GVAGAAKAGYPTGTGTGVPQAAAAAAYKAAKAGAGAGV-LPGVG--GAGVPG 284
DB 221 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 279
QY 285 VPGAIPGIGIAGVTPAAAAAAYKAAKAGAGAGVPGVPGVPGVPGVPGVPGVPGVPG 342
DB 280 V--GVPGV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 332
QY 343 GVCVPCAGIPVVPVPGAGIPGAAVPGVVSPEAAKAAKAAKAAKAAKAAKAAKAAK 402
DB 333 GVGVPVG---VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 383
QY 403 GPFPGVGVGGIPGVAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 458
DB 384 SVPGVPGVPGVPGV-GVPGV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 438
QY 459 AAAAAKAAKAAQFALLNLNLAGLPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPG 518
DB 439 GAGSGAG-----AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 481
QY 519 VGVAPGIPGGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 576
DB 482 VGV-PGVGGAG 540
QY 577 LGV-GAGVPGFAGV-----PCALAAAAKAAK---GAAVPGV-LGGL 612
DB 541 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 600

QY 613 GALTG---GVGIPG-GVVGAGPAAAAAAYKAAKAAKAAKAAKAAKAAKAAKAAK 667
DB 601 GVPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 660
QY 668 GLG-GIPAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 708
DB 661 VPGVGP-----GVGV-PGVGPVPGVPGVPGVPGVPGVPGVPGVPGVPGV 689

RESULT 8

US-08-806-029-27
Sequence 27, Application US/08806029
Patent No. 6380154
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 832 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-806-029-27

Query Match 30.9%; Score 1135; DB 4; Length 832;
Best Local Similarity 44.6%; Pred. No. 1.1e-68;
Matches 340; Conservative 47; Mismatches 217; Indels 158; Gaps 54;
QY 26 PG-GVPG-AIPG-GVPG-----GVFPAGLGGALGPGKPLKPVGGLAGAGLGAG 78
DB 7 PGVGPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 61
QY 79 LGAFPAVTPFGALVPGGVADAAAAYKAAKAGAGLG--GVPGVGGVGSAGAVVPQ---PG 133
DB 62 AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 121
QY 134 AGVKPGKVPVGLPGV-YPGGVLPGARPPGVVLPGVPT-GAGVKPKAPGVGAGFAG--- 188
DB 122 SGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 176
QY 189 -----IPGVG--PFGGPPQVGP-LGYPIKAPKLPGGYGLPYTTGKLPYV 229

STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/397,633A
FILING DATE:

CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-58848-1/BIR PROP-011-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 877 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-397-633A-54

Query Match 30.8%; Score 1133.5; DB 1; Length 877;
Best Local Similarity 42.3%; Pred. No. 1.4e-68;
Matches 353; Conservative 54; Mismatches 226; Indels 201; Gaps 55;

QY 2 AGLTAAAPRPVGLLLILHPSRPG-GVPG-AIPG-GVPG---GVFPYAGLAGLGG 54
DB 62 AGAGSGVPGVGVPGVGV-----PVGVPVGVPGVGVPGVGVPGVPGAGS-GAG 115
QY 55 ALPGGKPLKPVPGGLAGLAGLGG-----AFPAVTPFGALVPG-----GVADAAA 101
DB 116 A-GSCA-----GAGSGAGSGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 167
QY 102 AYKAKAGAGLGGVPGV-GLVGAGVPPQAGVKKPKVPGVGLPGV-YPGVLPGAR 159
DB 168 GVPAGAGSGAGSGAGSGAGSGVGVPGVGVPGVGVPGVGVPGVGVPGVPGV 227
QY 160 FPGVGLPVPVTPGAGV-KPKAPGVG-----GAPAGIPGVPGFPGVPLGPIKAPKL 213
DB 228 VPGVGV-PGAGAGSGAGSGAGSGAGSGVPGVPGVPGVPGVPGVPGVPGVPGV 278
QY 214 PGYGLPYTTGKLPGYGV-PG-GVAGAAKAGVPTGTGVPQAAAAAATAAKAFGAGAA 271
DB 279 --GVGP-----GVGPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 327
QY 272 GV-LPGV--GAGVPGVPAIPGIG-----GIAGVTPAAAAAATAAKAAGAGLVP 324
DB 328 GVGVPVGVPGVPGVPGV--GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 379
QY 325 GPGFPGVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 380
DB 380 SGAGAGSG--VGVPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 438
QY 381 ---AKYARGPVGVG-----GIPYGVGAGFPFGV-GVG-----GIPGV----- 417
DB 439 GAGAGSGAGSGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 498
QY 418 -----AGVPGV-----GVPGV-----GVPGVGLSPQAQAAAA 447
DB 499 GAGSGAGSGAGSGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 549
QY 448 KAAKYGVGTAAAAAATAAKAQAQALLNLGALVPGVPGVPGVPGVPGVPGVPGV 507

DB 550 -----GVGVPFAGAGSGAGSGAGSGAGSGAGSGVGV-PGVGV-PGVGV-PGV 600
QY 508 GVAPGVGVAPGVGVPAGIPGPGVAAAAAASAAKAAQAALRAAAGLAGAGIPGLGV-GYGV 566
DB 601 GV-PGVGV-PGVGV-PGVGVPGAGSGAGSGAGSGAGSGAGSGVGVPGVPGV 657
QY 567 GLGV-GAGVPGGLGV-GAGVPGFAGVPGALAAAAA-----AKYGAAVPGV---- 608
DB 658 GVGVPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 716
QY 609 -----LGGLGALG-----GVGIPG-GVVGAGPAAAAAATAAKAQAQGLVCAAGLGG 655
DB 717 GVGVPVGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 776
QY 656 LGVGLGVPGVPGV--GLG---GIP-----PAAAAAATAKYGAARPGFLSPFP 699
DB 777 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 830

RESULT 11

US-08-806-029-19
Sequence 19, Application US/08806029
Patent No. 6380154
GENERAL INFORMATION:
APPLICANT: Cappello, Joseph
APPLICANT: Stedronsky, Erwin R.
TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
TITLE OF INVENTION: Delivery and Tissue Augmentation
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
STREET: Flehr, Hohbach, Test, Albritton & Herbert
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/806,029
FILING DATE: 24-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,237
FILING DATE: 11-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-58847-2/RPT/MTK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 889 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-806-029-19

Query Match 30.8%; Score 1133.5; DB 4; Length 889;
Best Local Similarity 42.3%; Pred. No. 1.4e-68;
Matches 353; Conservative 54; Mismatches 224; Indels 203; Gaps 55;

QY 2 AGLTAAAPRPVGLLLILHPSRPG-GVPG-AIPG-GVPG-----GVFPYAGLAGLGG 54
DB 39 AGAGSGVPGVPGVPGVPGV-----PVGVPVGVPGVPGVPGVPGVPGVPGV 92
QY 55 ALPGGKPLKPVPGGLAGLAGLGG-----AFPAVTPFGALVPG-----GVADAAA 101

;
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-02772-3

Query Match 30.8%; Score 1133.5; DB 5; Length 936;
Best Local Similarity 42.6%; Pred. No. 1.5e-68;
Matches 345; Conservative 46; Mismatches 209; Indels 209; Gaps 56;
Qy 26 PG-GVPG-AIPG-GVPG-----GVFPAGLALGAGGALGPG----- 59
Db 7 PGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 66
Qy 60 -----GKPLKVPVG-GLAGLGLGAGLGAFFAVTFPGALVPGGVADAAAY 103
Db 67 GVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 126
Qy 104 KAAKAGAGLG-GVPGVGLGVSAGAVPQPCAGVKPG-KVPGVCLPGV-YPGGVLPGAR 159
Db 127 GVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 181
Qy 160 PFGVGLPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 211
Db 182 VPGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 232
Qy 212 KLPG-----GYGLPYTTTKLPYGYGPGGVAGAGKAGYP-----TGT 248
Db 233 GVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 289
Qy 249 GVGPOAAAAAATAKAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 299
Db 290 GV-PGVGVPVGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 347
Qy 300 TPAAAAAAATAKAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 352
Db 348 VPGVGAGAGS-----GAGAGSVPVGVPVGVPVGVPVGVPVGVP 401
Qy 353 -----VVPGAGIPGAAPVPGVSPAAAAAATAKAGAGAGAGAGAG 398
Db 402 GVGAG 454
Qy 399 VGAGGFPFGVGVGIPGVAGVPVG-----GVPGV-----GVPGV 450
Db 455 VGGAG-AGSGAGAGSVPVG-GVPGVPGVPVGVPVGVPVGVPVGVP 500
Qy 451 KYGVGTAAAAAATAKAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 510
Db 501 --GVGVPVGAGAGAGAG-----AGSVPGVGVPVGVPVGVPVG 546
Qy 511 PGVGVAPGVAPGTPGPGVAAAAAATAKAGAGAGAGAGAGAGAGAGAG 569
Db 547 PGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 592
Qy 570 V-GAGVPLGLV-GAGVPFGAVPGALAAATAKAGAGAGAGAGAGAG 622
Db 593 VPGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 652
Qy 623 -GVVGAG-PAATAAATAKAGAGAGAGAGAGAGAGAGAGAGAGAGAG 672
Db 653 GVPVGVPVGVPVGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 712
Qy 673 PPAATAKAG-YGVAARPGFLSPIT-PPG 699
Db 713 PGVGAG 741

RESULT 15

US-08-175-155-39
; Sequence 39, Application US/08175155
; Patent No. 5641648
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A.

;
; APPLICANT: Cappello, Joseph
; APPLICANT: Crissman, John W.
; APPLICANT: Dorman, Mary A.
; TITLE OF INVENTION: Methods for Preparing Synthetic
; TITLE OF INVENTION: Repetitive DNA
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fiehr, Honbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/175,155
; APPLICATION NUMBER: US/08/175,155
; FILING DATE: 29-DEC-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-55186-5/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1413 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-175-155-39

Query Match 30.6%; Score 1125.5; DB 1; Length 1413;
Best Local Similarity 41.5%; Pred. No. 7.7e-68;
Matches 355; Conservative 55; Mismatches 233; Indels 213; Gaps 58;

Qy 2 AGLTAAAPRPQVLLLSILHPSRPG-GVPG-AIPG-GVPG-----GVFPAGLALGAG 54
Db 85 AGAGSGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 138
Qy 55 ALPGGGKPLKVPVG-GLAGAGLGLGAGLGAFFAVTFPGALVPGGVADAAAYKAAKAGAG 113
Db 139 AGSGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 196
Qy 114 -----GVPGV-----GLGVSAGAVVPQPGAGVKP 138
Db 197 VPGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 256
Qy 139 GKVPVGVLPGV-YPGVGLPGARFFGVGLPGVPTGAGVKPKA-----PGVGAPAGIPGV 193
Db 257 VGVPGVPGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 315
Qy 194 --PFGGQPGVP-IGYPIKAPKLPFGGGLPYTTTKLPYGYGPGGVAGAGAGAGAG 245
Db 316 VPGVGVPVGVPVGVP-----GVGVP-----GAGAGSAGAGAGSVPVGVP 359
Qy 246 -----TGT-GVGPQAAAAAATAKAGAGAGAGAGAGAGAGAGAG 284
Db 360 GVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 419
Qy 285 VPG-AIPGIG-----GIAGVGTTPAAAAAATAKAGAGAGAGAGAG 333
Db 420 VPGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 472
Qy 334 --GVPGAGVPVGVPVGAGIP-----VVPGAGIPGAAPVPGVSPAAAAKAA 377
Db 473 PGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 532

